

Converting Colors

XYZ(82.7832, 86.6437, 95.4334)

Have a look what the booklet for
XYZ(82.7832, 86.6437, 95.4334)
contains.

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Color

**XYZ(82.6789, 86.6091,
95.5787)**

Conversions

Conversions Part 1

Format	Color
Hex	F0EFF1
RGB	240, 239, 241
RGB Percent	94%, 94%, 95%
CMY	0.0588, 0.0627, 0.0549
CMYK	0.00, 0.01, 0.00, 0.05
HSL	270°, 7%, 94%
HSV	270°, 1%, 95%
XYZ	82.6789, 86.6091, 95.5787
YIQ	239.5270, -0.0460, 0.8340

Conversions

Conversions Part 2

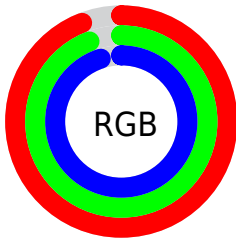
Format	Color
R_{YB}	240, 239, 241
Decimal	15790065
CIE _{Lab}	94.57, 0.69, -0.86
CIE _{LCh}	95, 1.101, 308.986
Yxy	86.6091, 0.3122, 0.3270
Android (android.graphics.Color)	4293980145 (0xFF0EFF1)
YUV	239.5270, 0.7262, 0.4148
Hunter-Lab	93.0640, -4.2810, 4.2527

Details

The XYZ color **82.6789, 86.6091, 95.5787** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.9736, 87.6701, 94.2145**, and the grayscale version is **82.4515, 86.7454, 94.4657**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4576, 47.5601, 52.6831** is the 20% darker color. If you saturate the color by 10%, you get **72.1264, 71.3862, 93.1979**, and if you desaturate by 10%, it is **91.8091, 98.5802, 97.4094**.

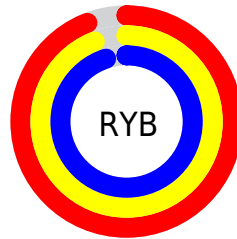
Distribution



Red (94%)

Green (94%)

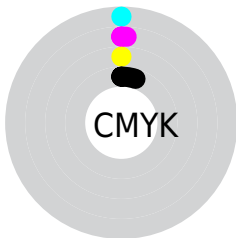
Blue (95%)



Red (94%)

Yellow (94%)

Blue (95%)

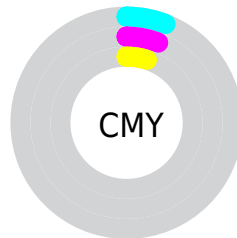


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6789, 86.6091, 95.5787 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.6789, 86.6091, 95.5787 by changing the saturation by 10% instead.

82.6789, 86.6091,
95.5787

82.6789, 86.6091,
95.5787

492.5159,
516.9375, 567.0476

62.2413, 65.1718,
72.0172

136.0565,
142.6192, 157.0663

45.4840, 47.6004,
52.6858

169.7272,
177.9607, 195.8295

32.0418, 33.5105,
37.1660

208.5397,
218.7057, 240.4969

21.5491, 22.5178,
25.0392

252.8593,
265.2387, 291.4872

13.6407, 14.2379,
15.8870

303.0514,
317.9439, 349.2189

7.9512, 8.2863,
9.2907

359.4812,

4.1153, 4.2787,

377.2059, 414.1105

4.8319

422.5143,
443.4090, 486.5805

■ 1.7676, 1.8306,
2.0920

■ 0.4980, 0.5062,
0.6110

■ 82.6789, 86.6091,
95.5787

■ 82.6789, 86.6091,
95.5787

■ 72.1264, 71.3862,
93.1979

■ 91.8091, 98.5802,
97.4094

■ 62.7426, 58.1049,
91.1289

■ 92.8774, 99.1310,
97.4594

■ 54.4852, 46.6875,
89.3603

■ 47.3063, 37.0465,
87.8778

■ 41.1544, 29.0873,
86.6658

■ 35.9730, 22.7061,
85.7071

■ 31.6997, 17.7873,
84.9829

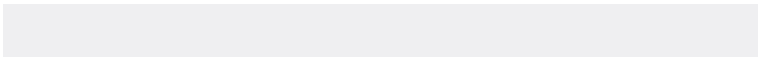
■ 28.2637, 14.1985,
84.4713

■ 25.5810, 11.7822,
84.1463

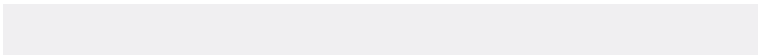
Harmonies

Analogous

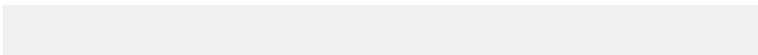
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4085, 86.6091, 95.9261



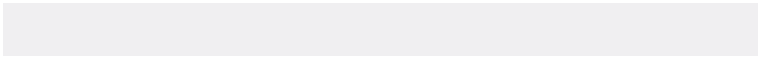
82.6789, 86.6091, 95.5787



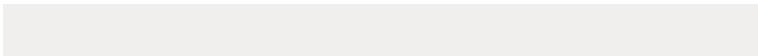
82.8532, 86.6091, 94.8899

Triad

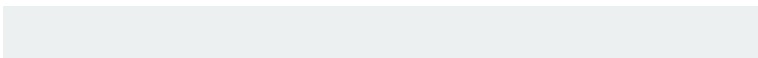
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6789, 86.6091, 95.5787



82.5242, 86.6091, 92.7851



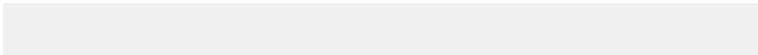
81.7570, 86.6091, 94.5581

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



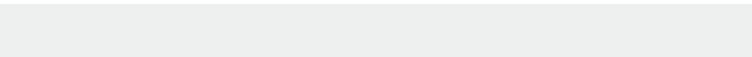
82.6789, 86.6091, 95.5787



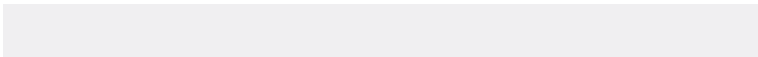
82.9736, 87.6701, 94.2145

Split Complementary

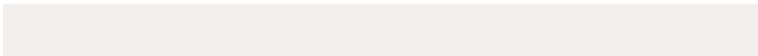
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.7878, 86.6091, 93.7177



82.6789, 86.6091, 95.5787



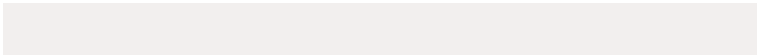
82.2303, 86.6091, 92.6975

Square

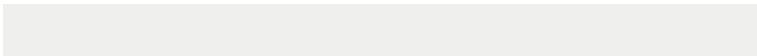
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



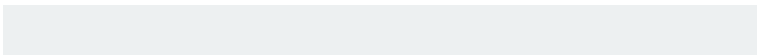
82.6789, 86.6091, 95.5787



82.7637, 86.6091, 93.2781



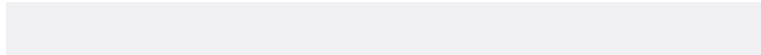
81.9608, 86.6091, 93.0379



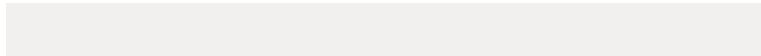
81.8766, 86.6091, 95.3346

Rectangle

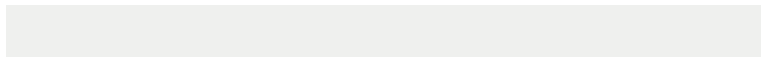
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



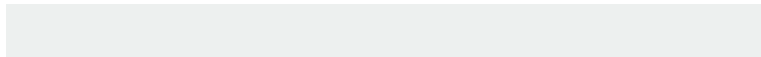
82.6789, 86.6091, 95.5787



82.8913, 86.6091, 94.3315



81.9608, 86.6091, 93.0379



81.7501, 86.6091, 94.2737

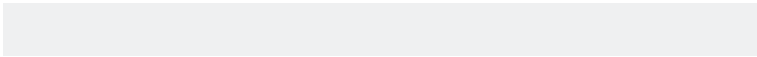
Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.6814, 86.6128, 95.5806

95.0500, 100.0000, 108.9000



82.6469, 87.0446, 95.6657



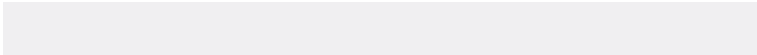
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

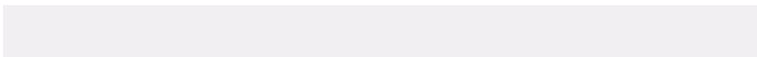
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6814, 86.6128, 95.5806



93.7735, 98.1423, 108.6087



83.0104, 86.7825, 95.5960



17.5786, 18.4029, 20.3472



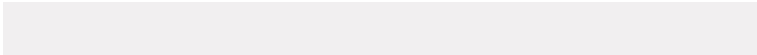
12.9868, 5.7003, 45.5437



1.1951, 0.5334, 3.7942

Inverse Universe

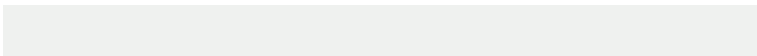
The Inverse Universe completely reimagines the original color for something new.



82.8733, 86.7289, 94.8148



94.0376, 98.3021, 107.5550



82.6463, 87.5014, 94.1992



17.6253, 18.4312, 20.1608



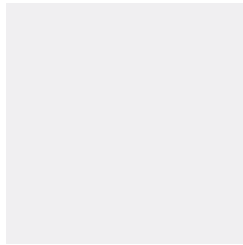
21.6019, 10.9132, 11.0859



1.8473, 0.9280, 1.1867

Previews

White Background



This preview shows how the XYZ color 82.6789, 86.6091, 95.5787 looks on a white background.

Color Contrast Check

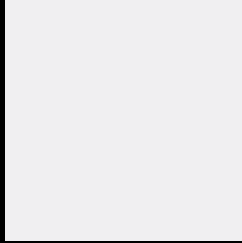
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.6789, 86.6091, 95.5787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

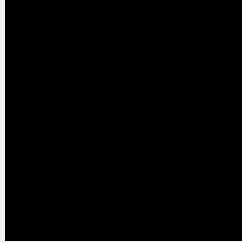
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

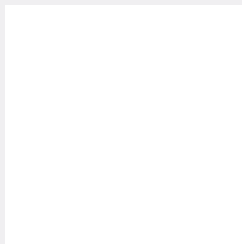
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6789, 86.6091, 95.5787

Background



This preview shows how black text looks on a background with the XYZ color 82.6789, 86.6091, 95.5787.



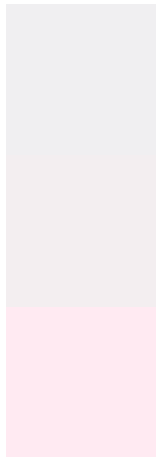
This preview shows how white text looks on a background with the XYZ color 82.6789, 86.6091,

95.5/87.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.6789, 86.6091, 95.5787

Protanopia

83.2649, 86.4950, 94.7448

Deuteranopia

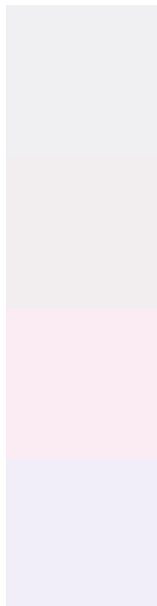
86.6898, 86.5164, 96.1347



Tritanopia

84.9521, 86.6656, 106.8584

Trichromacy



Original Color

82.6789, 86.6091, 95.5787

Protanomaly

82.9207, 86.3176, 94.7286

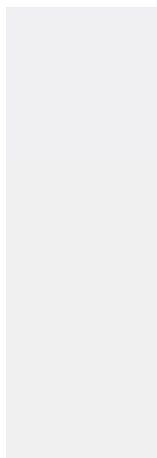
Deuteranomaly

85.4468, 86.7257, 96.2406

Tritanomaly

84.1055, 86.7520, 102.7545

Monochromacy



Original Color

82.6789, 86.6091, 95.5787

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6789, 86.6091, 95.5787 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(240, 239, 241) looks like.

```
.text, #text, p{  
    color:rgb(240, 239, 241)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(240, 239, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 239, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.6789, 86.6091, 95.5787 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(240, 239, 241) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(240, 239, 241) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(240, 239, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 239, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 239, 241);  
box-shadow:4px 4px 4px 4px rgb(240, 239,  
241) }
```


Background

The CSS property to change the background color of an element to XYZ 82.6789, 86.6091, 95.5787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 239, 241) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(240,  
239, 241) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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