

Converting Colors

XYZ(82.9293, 87.2590, 93.1560)

Have a look what the booklet for
XYZ(82.9293, 87.2590, 93.1560)
contains.

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Color

**XYZ(82.8683, 87.1940,
93.3514)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0EE
RGB	241, 240, 238
RGB Percent	95%, 94%, 93%
CMY	0.0549, 0.0588, 0.0667
CMYK	0.00, 0.00, 0.01, 0.05
HSL	40°, 10%, 94%
HSV	40°, 1%, 95%
XYZ	82.8683, 87.1940, 93.3514
YIQ	240.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

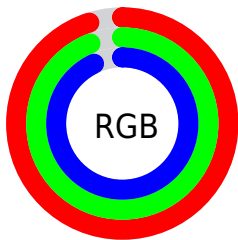
Format	Color
R_{YB}	240, 241, 238
Decimal	15855854
CIE Lab	94.82, -0.01, 1.07
CIE LCh	95, 1.071, 90.717
Yxy	87.1940, 0.3146, 0.3310
Android (android.graphics.Color)	4294045934 (0xFF1F0EE)
YUV	240.0710, -1.0210, 0.8147
Hunter-Lab	93.3777, -5.0007, 6.0911

Details

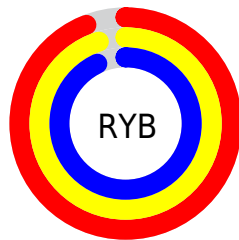
The XYZ color **82.8683, 87.1940, 93.3514** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.0035, 86.2598, 95.5479**, and the grayscale version is **82.8892, 87.2059, 94.9672**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5916, 47.9727, 51.1127** is the 20% darker color. If you saturate the color by 10%, you get **77.2598, 81.2683, 75.1667**, and if you desaturate by 10%, it is **87.8949, 93.0585, 107.9373**.

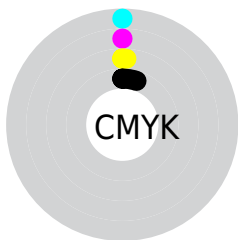
Distribution



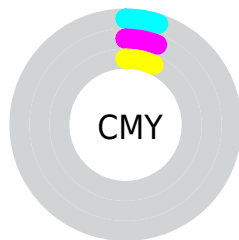
- Red (95%)
- Green (94%)
- Blue (93%)



- Red (94%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.8683, 87.1940, 93.3514 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 82.8683, 87.1940, 93.3514 by changing the saturation by 10% instead.

82.8683, 87.1940,
93.3514

82.8683, 87.1940,
93.3514

493.1381,
518.8601, 559.7225

62.3981, 65.6558,
70.1743

136.3205,
143.4345, 153.9609

45.6112, 47.9930,
51.1910

170.0331,
178.9056, 192.2305

32.1425, 33.8214,
35.9828

208.8906,
219.7897, 236.3679

21.6264, 22.7564,
24.1314

253.2583,
266.4713, 286.7918

13.6977, 14.4137,
15.2180

303.5015,
319.3347, 343.9207

7.9910, 8.4090,
8.8242

359.9856,

4.1410, 4.3577,

378.7644, 408.1730

4.5314

423.0760,
445.1448, 479.9675

■ 1.7822, 1.8756,
1.9212

■ 0.5069, 0.5337,
0.5062

■ 82.8683, 87.1940,
93.3514

■ 82.8683, 87.1940,
93.3514

■ 77.2598, 81.2683,
75.1667

■ 87.8949, 93.0585,
107.9373

■ 72.2066, 75.7260,
59.4123

■ 90.0861, 97.4410,
108.6677

■ 67.6901, 70.5601,
45.9847

■ 63.6873, 65.7593,
34.7706

■ 60.1737, 61.3116,
25.6473

■ 57.1224, 57.2039,
18.4800

■ 54.5033, 53.4218,
13.1181

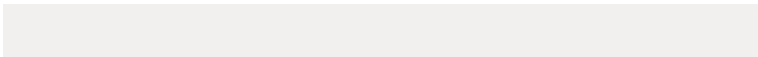
■ 52.2823, 49.9493,
9.3885

■ 50.4184, 46.7675,
7.0841

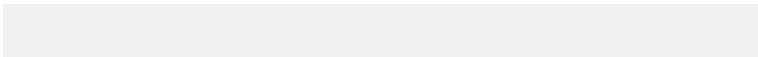
Harmonies

Analogous

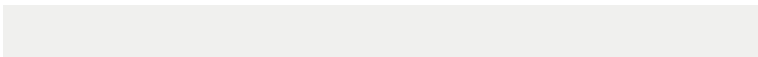
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1483, 87.1940, 93.5532



82.8683, 87.1940, 93.3514



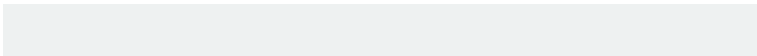
82.5908, 87.1940, 93.5730

Triad

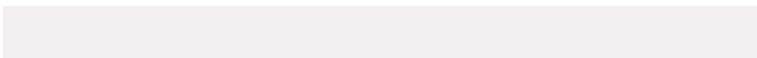
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.8683, 87.1940, 93.3514



82.3968, 87.1940, 95.7576



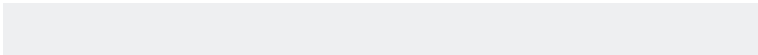
83.3626, 87.1940, 95.7228

Complementary

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



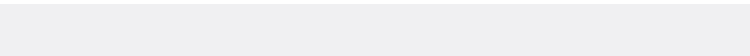
82.8683, 87.1940, 93.3514



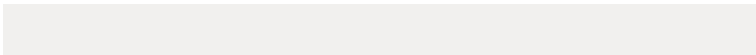
82.0035, 86.2598, 95.5479

Split Complementary

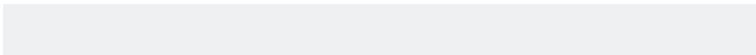
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.1605, 87.1940, 96.3191



82.8683, 87.1940, 93.3514



82.6028, 87.1940, 96.3393

Square

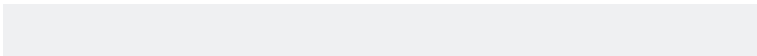
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



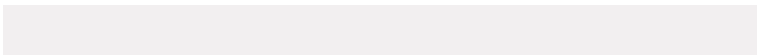
82.8683, 87.1940, 93.3514



82.3189, 87.1940, 94.9594



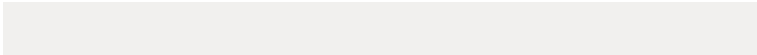
82.8823, 87.1940, 96.5454



83.4342, 87.1940, 94.9195

Rectangle

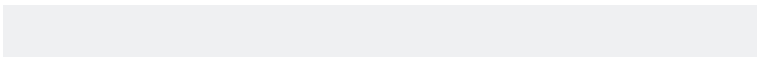
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



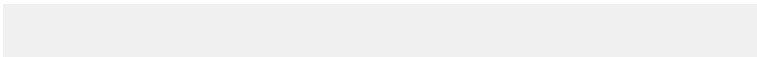
82.8683, 87.1940, 93.3514



82.4444, 87.1940, 93.9318



82.8823, 87.1940, 96.5454



83.3077, 87.1940, 95.9542

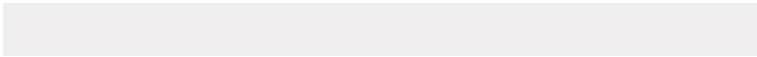
Sweetspot

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



82.8708, 87.1978, 93.3533

95.0500, 100.0000, 108.9000



82.4313, 86.0831, 93.9337



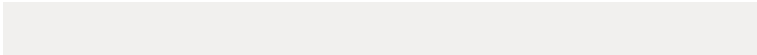
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

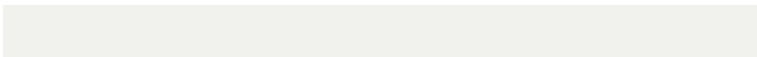
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.8708, 87.1978, 93.3533



94.3727, 99.2980, 106.6623



82.9942, 87.6977, 93.4433



17.6846, 18.6075, 20.0027



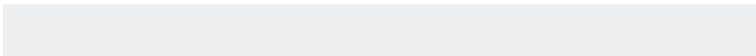
26.7129, 24.2239, 3.2678



2.3131, 2.1969, 0.3021

Inverse Universe

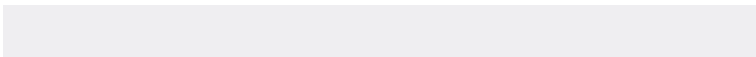
The Inverse Universe completely reimagines the original color for something new.



82.0035, 86.2598, 95.5479



93.5770, 98.4374, 108.6760



81.8810, 85.7651, 95.4589



17.5438, 18.4551, 20.3591



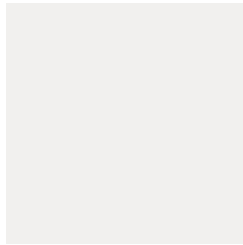
10.2751, 6.7745, 45.8939



0.9427, 0.7395, 3.8473

Previews

White Background



This preview shows how the XYZ color 82.8683, 87.1940, 93.3514 looks on a white background.

Color Contrast Check

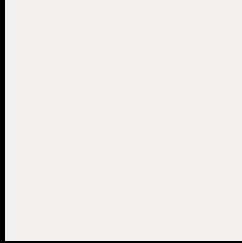
Large Text (above 18pt) WCAG AA × Fail

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 82.8683, 87.1940, 93.3514 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

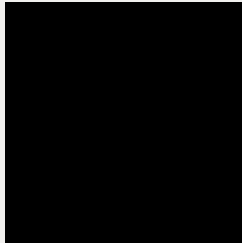
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

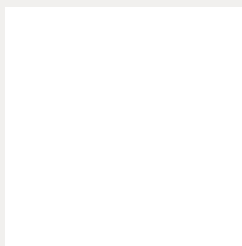
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.8683, 87.1940, 93.3514

Background



This preview shows how black text looks on a background with the XYZ color 82.8683, 87.1940, 93.3514.



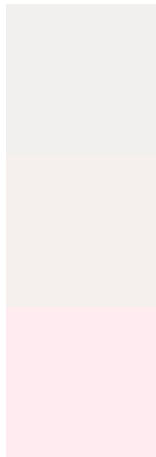
This preview shows how white text looks on a background with the XYZ color 82.8683, 87.1940,

93.3514.

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

82.8683, 87.1940, 93.3514

Protanopia

83.8088, 87.2599, 92.5464

Deuteranopia

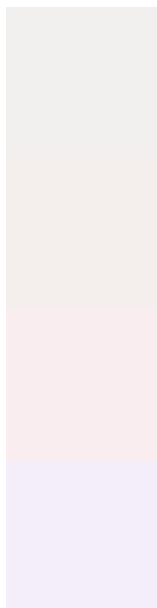
86.6765, 86.9679, 94.6562



Tritanopia

85.6424, 87.0215, 106.8907

Trichromacy



Original Color

82.8683, 87.1940, 93.3514

Protanomaly

83.4608, 87.0805, 92.5301

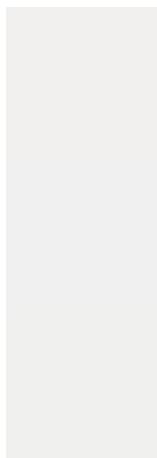
Deuteranomaly

85.2885, 87.1244, 93.9829

Tritanomaly

84.6356, 87.0433, 101.9628

Monochromacy



Original Color

82.8683, 87.1940, 93.3514

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.6753, 87.0774, 94.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.8683, 87.1940, 93.3514 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(241, 240, 238) looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 238)  
}
```

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(241, 240, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 238) }
```

Border

The CSS property to change the border of an element to XYZ 82.8683, 87.1940, 93.3514 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(241, 240, 238) }
```

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

```
.border{ border-color:rgb(241, 240, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 240, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 238);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
238) }
```


Background

The CSS property to change the background color of an element to XYZ 82.8683, 87.1940, 93.3514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 238) }
```

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

```
.background{ background-color: rgb(241,  
240, 238) }
```

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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