

Converting Colors

XYZ(82.3954, 87.6183, 95.8528)

Have a look what the booklet for
XYZ(82.3954, 87.6183, 95.8528)
contains.

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Color

**XYZ(82.5544, 87.8597,
95.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	EDF2F1
RGB	237, 242, 241
RGB Percent	93%, 95%, 95%
CMY	0.0706, 0.0510, 0.0549
CMYK	0.02, 0.00, 0.00, 0.05
HSL	168°, 16%, 94%
HSV	168°, 2%, 95%
XYZ	82.5544, 87.8597, 95.8266
YIQ	240.3910, -2.6590, -1.3710

Conversions

Conversions Part 2

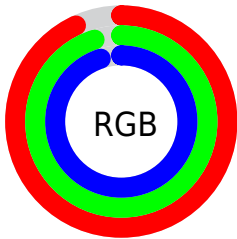
Format	Color
R _Y B	237, 240, 242
Decimal	15594225
CIE Lab	95.10, -1.83, -0.11
CIE LCh	95, 1.833, 183.387
Yxy	87.8597, 0.3101, 0.3300
Android (android.graphics.Color)	4293784305 (0xFFEDF2F1)
YUV	240.3910, 0.3002, -2.9739
Hunter-Lab	93.7335, -6.8224, 4.9995

Details

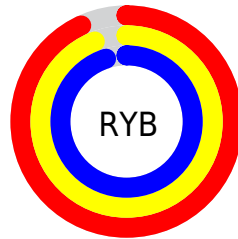
The XYZ color **82.5544, 87.8597, 95.8266** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **82.3381, 85.6210, 93.0802**, and the grayscale version is **83.1321, 87.4615, 95.2456**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3719, 48.4444, 52.8583** is the 20% darker color. If you saturate the color by 10%, you get **74.2983, 83.6887, 91.7056**, and if you desaturate by 10%, it is **89.6065, 91.4127, 99.9958**.

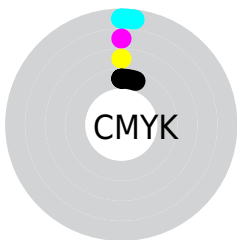
Distribution



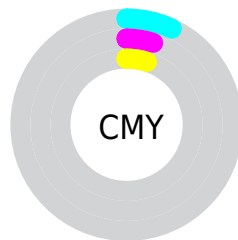
- Red (93%)
- Green (95%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5544, 87.8597, 95.8266 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 82.5544, 87.8597, 95.8266 by changing the saturation by 10% instead.

82.5544, 87.8597,
95.8266

82.5544, 87.8597,
95.8266

492.1067,
521.0437, 567.8597

62.1383, 66.2069,
72.2225

135.8830,
144.3618, 157.4115

45.4005, 48.4404,
52.8525

169.5261,
179.9799, 196.2293

31.9756, 34.1758,
37.2981

208.3090,
221.0219, 240.9554

21.4983, 23.0286,
25.1408

252.5969,
267.8721, 292.0084

13.6033, 14.6147,
15.9620

302.7553,
320.9150, 349.8068

7.9251, 8.5494,
9.3432

359.1495,

4.0985, 4.4485,

380.5350, 414.7691

4.8659

422.1448,
447.1164, 487.3139

■ 1.7580, 1.9275,
2.1114

■ 0.4922, 0.5648,
0.6225

■ 82.5544, 87.8597,
95.8266

■ 82.5544, 87.8597,
95.8266

■ 74.2983, 83.6887,
91.7056

■ 89.6065, 91.4127,
99.9958

■ 67.1059, 80.0614,
87.7327

■ 90.3613, 91.7146,
103.9702

■ 60.9335, 76.9577,
83.9070

■ 91.0438, 91.9877,
107.5646

■ 55.7310, 74.3518,
80.2253

■ 51.4444, 72.2159,
76.6842

■ 48.0142, 70.5193,
73.2801

■ 45.3736, 69.2277,
70.0092

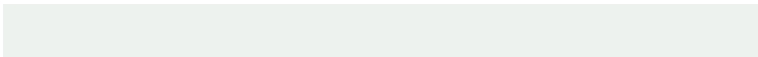
■ 43.4458, 68.3015,
66.8670

■ 42.1386, 67.6930,
63.8483

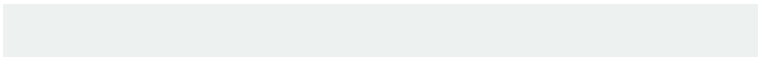
Harmonies

Analogous

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



82.6536, 87.8597, 94.4393



82.5544, 87.8597, 95.8266



82.7099, 87.8597, 97.1835

Triad

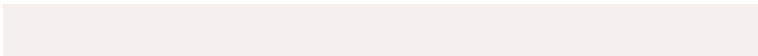
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5544, 87.8597, 95.8266



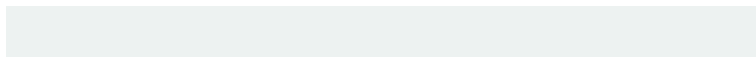
84.0368, 87.8597, 97.9758



83.9383, 87.8597, 93.2299

Complementary

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



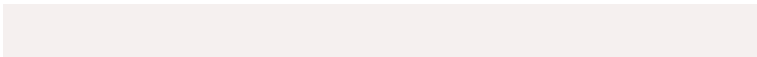
82.5544, 87.8597, 95.8266



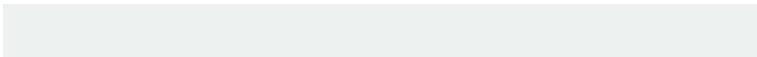
82.3381, 85.6210, 93.0802

Split Complementary

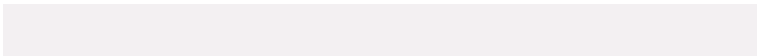
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3113, 87.8597, 94.1610



82.5544, 87.8597, 95.8266



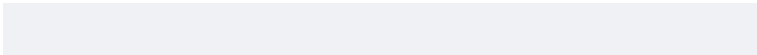
84.3683, 87.8597, 96.8998

Square

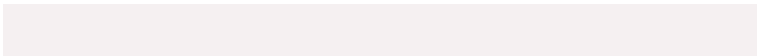
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.5544, 87.8597, 95.8266



83.5647, 87.8597, 98.4321



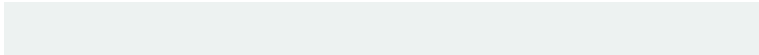
84.4689, 87.8597, 95.5021



83.4514, 87.8597, 92.9489

Rectangle

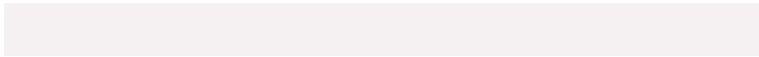
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



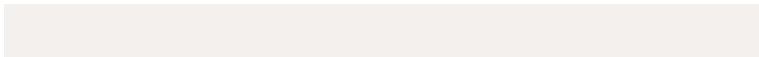
82.5544, 87.8597, 95.8266



82.9374, 87.8597, 97.8857



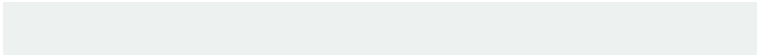
84.4689, 87.8597, 95.5021



84.0812, 87.8597, 93.4768

Sweetspot

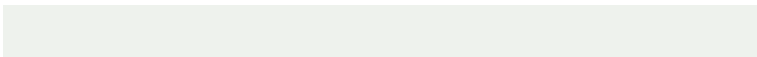
The Sweet Spot groups the original color and five complimentary colors.



82.5569, 87.8635, 95.8285



94.0358, 99.4867, 108.4231



82.3289, 87.8142, 92.7327



20.1382, 21.2996, 23.2121



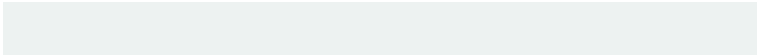
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



82.5569, 87.8635, 95.8285



93.0342, 98.9798, 107.9479



82.2869, 87.0829, 96.4806



17.4476, 18.5510, 20.2303



22.3052, 36.2141, 33.3198



1.8897, 3.0263, 2.9514

Inverse Universe

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



82.3381, 85.6210, 93.0802



92.7950, 96.5293, 104.9446



82.6030, 86.3864, 92.4427



17.4052, 18.1172, 19.6986



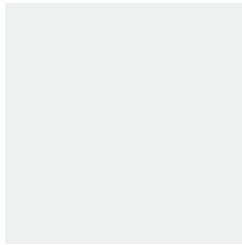
20.0029, 10.2736, 2.6658



1.6984, 0.8684, 0.4026

Previews

White Background



This preview shows how the XYZ color 82.5544, 87.8597, 95.8266 looks on a white background.

Color Contrast Check

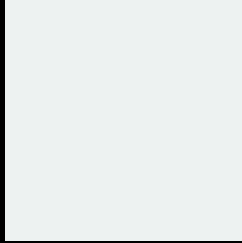
Large Text (above 18pt) WCAG AA × Fail

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 82.5544, 87.8597, 95.8266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

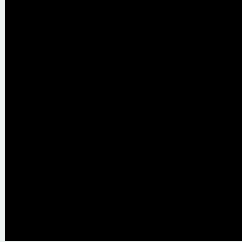
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

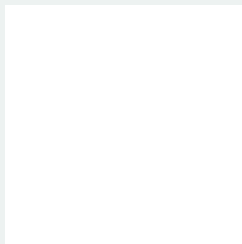
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5544, 87.8597, 95.8266

Background



This preview shows how black text looks on a background with the XYZ color 82.5544, 87.8597, 95.8266.



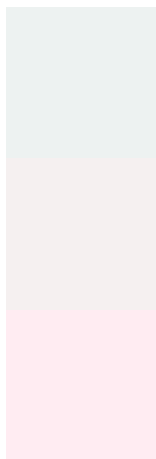
This preview shows how white text looks on a background with the XYZ color 82.5544, 87.8597,

95.8266.

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

82.5544, 87.8597, 95.8266

Protanopia

84.5445, 88.0239, 94.9724

Deuteranopia

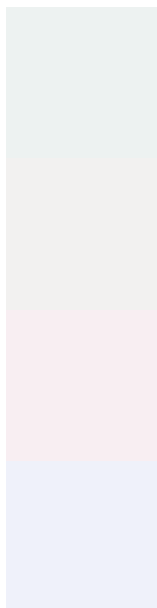
87.2625, 87.6617, 96.3256



Tritanopia

85.1453, 88.0654, 107.1184

Trichromacy



Original Color

82.5544, 87.8597, 95.8266

Protanomaly

83.8014, 88.0791, 95.0222

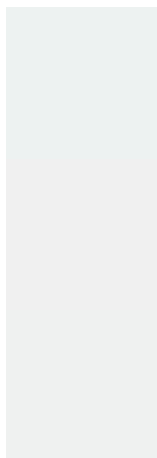
Deuteranomaly

85.3129, 87.5163, 96.4003

Tritanomaly

84.3072, 88.1634, 103.0163

Monochromacy



Original Color

82.5544, 87.8597, 95.8266

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.7801, 87.5526, 94.9744

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5544, 87.8597, 95.8266 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(237, 242, 241) looks like.

```
.text, #text, p{  
    color:rgb(237, 242, 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(237, 242, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 242, 241) }
```

Border

The CSS property to change the border of an element to XYZ 82.5544, 87.8597, 95.8266 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(237, 242, 241) }
```


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

```
.border{ border-color:rgb(237, 242, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 242, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 242, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 242, 241);  
box-shadow:4px 4px 4px 4px rgb(237, 242,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5544, 87.8597, 95.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 242, 241) }
```

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

```
.background{ background-color: rgb(237,  
242, 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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