

Converting Colors

XYZ(82.0523, 86.6924, 99.9841)

Have a look what the booklet for
XYZ(82.0523, 86.6924, 99.9841)
contains.

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Color

**XYZ(82.0556, 86.6362,
99.5864)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF0F6
RGB	235, 240, 246
RGB Percent	92%, 94%, 96%
CMY	0.0784, 0.0588, 0.0353
CMYK	0.04, 0.02, 0.00, 0.04
HSL	213°, 38%, 94%
HSV	213°, 4%, 96%
XYZ	82.0556, 86.6362, 99.5864
YIQ	239.1890, -4.9060, 0.8060

Conversions

Conversions Part 2

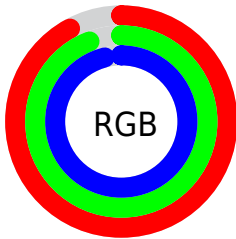
Format	Color
R _{YB}	235, 238, 246
Decimal	15462646
CIE Lab	94.58, -0.56, -3.48
CIE LCh	95, 3.521, 260.860
Yxy	86.6362, 0.3059, 0.3229
Android (android.graphics.Color)	4293652726 (0xFFEBF0F6)
YUV	239.1890, 3.3578, -3.6738
Hunter-Lab	93.0786, -5.5266, 1.7196

Details

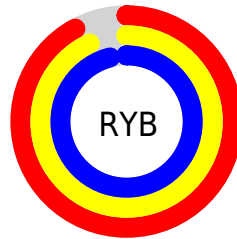
The XYZ color **82.0556, 86.6362, 99.5864** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.4569, 88.5006, 91.2296**, and the grayscale version is **82.1708, 86.4501, 94.1441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0252, 47.5824, 55.5264** is the 20% darker color. If you saturate the color by 10%, you get **70.6864, 75.1321, 97.9664**, and if you desaturate by 10%, it is **93.1313, 98.4269, 101.2798**.

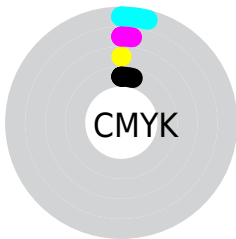
Distribution



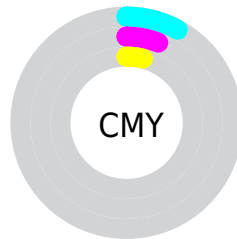
- Red (92%)
- Green (94%)
- Blue (96%)



- Red (92%)
- Yellow (93%)
- Blue (96%)



- Cyan (4%)
- Magenta (2%)
- Yellow (0%)
- Black (4%)



- Cyan (8%)
- Magenta (6%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0556, 86.6362, 99.5864 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 82.0556, 86.6362, 99.5864 by changing the saturation by 10% instead.

82.0556, 86.6362,
99.5864

82.0556, 86.6362,
99.5864

490.4653,
517.0267, 580.1012

61.7256, 65.1942,
75.3402

135.1874,
142.6570, 162.6356

45.0658, 47.6186,
55.3882

168.7199,
178.0045, 202.2757

31.7108, 33.5249,
39.3119

207.3840,
218.7560, 247.8842

21.2951, 22.5289,
26.6928

251.5450,
265.2958, 299.8796

13.4536, 14.2460,
17.1122

301.5683,
318.0084, 358.6804

7.8208, 8.2920,
10.1517

357.8192,

4.0313, 4.2823,

377.2782, 424.7053

5.3928

420.6631,
443.4895, 498.3727

■ 1.7199, 1.8327,
2.4168

■ 0.4687, 0.5074,
0.7956

■ 82.0556, 86.6362,
99.5864

■ 82.0556, 86.6362,
99.5864

■ 70.6864, 75.1321,
97.9664

■ 93.1313, 98.4269,
101.2798

■ 60.6775, 64.7506,
96.4901

■ 93.6348, 99.4339,
101.4476

■ 51.9761, 55.4573,
95.1550

■ 44.5225, 47.2116,
93.9562

■ 38.2526, 39.9698,
92.8889

■ 33.0955, 33.6849,
91.9476

■ 28.9723, 28.3048,
91.1264

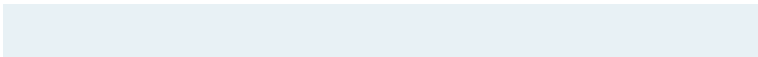
■ 25.7921, 23.7710,
90.4189

■ 23.4448, 20.0141,
89.8175

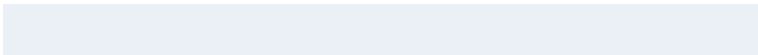
Harmonies

Analogous

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



81.1987, 86.6362, 98.4438



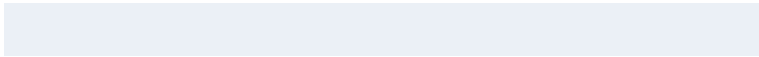
82.0556, 86.6362, 99.5864



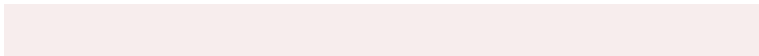
82.9966, 86.6362, 99.3003

Triad

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



82.0556, 86.6362, 99.5864



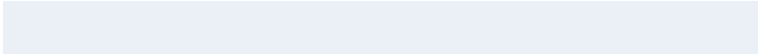
84.0621, 86.6362, 92.4834



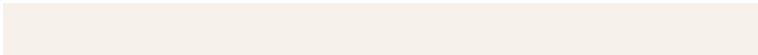
80.9379, 86.6362, 91.0717

Complementary

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



82.0556, 86.6362, 99.5864



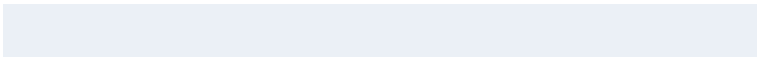
84.4569, 88.5006, 91.2296

Split Complementary

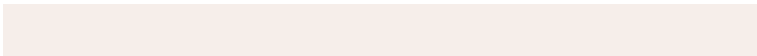
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.6970, 86.6362, 89.5324



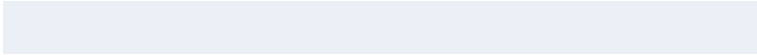
82.0556, 86.6362, 99.5864



83.5023, 86.6362, 90.3365

Square

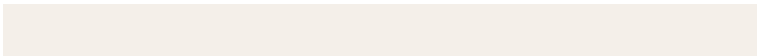
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



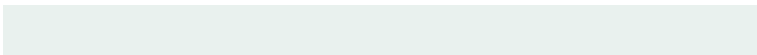
82.0556, 86.6362, 99.5864



84.1599, 86.6362, 95.1646



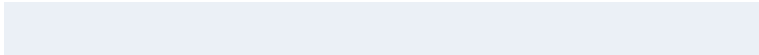
82.6353, 86.6362, 89.2659



80.5566, 86.6362, 93.5044

Rectangle

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



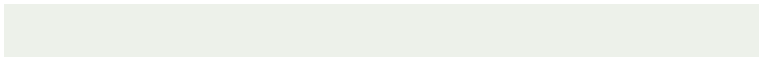
82.0556, 86.6362, 99.5864



83.5447, 86.6362, 98.3400



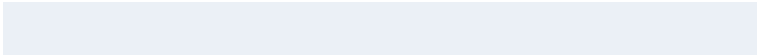
82.6353, 86.6362, 89.2659



81.1571, 86.6362, 90.4346

Sweetspot

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



82.0581, 86.6399, 99.5883



93.6762, 98.6359, 108.7091



83.0753, 89.9180, 96.0934



20.0651, 21.1265, 23.2702



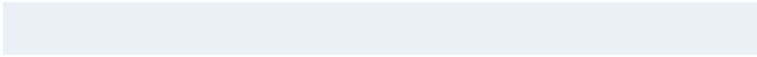
0.0000, 0.0000, 0.0000



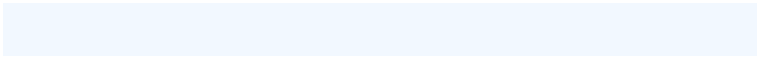
20.3446, 21.4041, 23.3091

Same Dimension

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



82.0581, 86.6399, 99.5883



88.3366, 93.3071, 107.9620



80.7264, 83.7966, 99.1097



17.1406, 18.1142, 21.1356



12.1023, 9.9983, 47.8300



1.1650, 1.0814, 4.2376

Inverse Universe

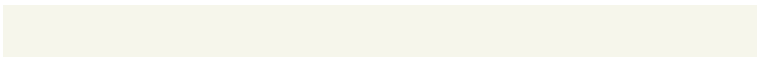
The Inverse Universe completely reimagines the original color for something new.



83.4445, 85.3024, 94.5095



90.0176, 91.6936, 101.8018



85.8300, 91.4376, 91.7241



17.5136, 17.7585, 19.7681



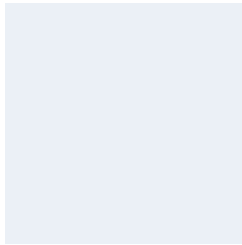
21.9132, 11.1087, 9.5171



1.9771, 0.9968, 1.1058

Previews

White Background



This preview shows how the XYZ color 82.0556, 86.6362, 99.5864 looks on a white background.

Color Contrast Check

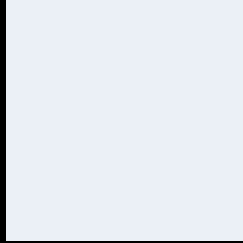
Large Text (above 18pt) WCAG AA × Fail

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 82.0556, 86.6362, 99.5864 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

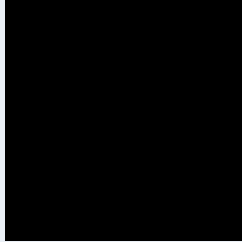
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

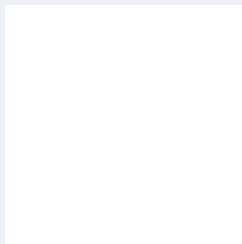
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.0556, 86.6362, 99.5864

Background



This preview shows how black text looks on a background with the XYZ color 82.0556, 86.6362, 99.5864.



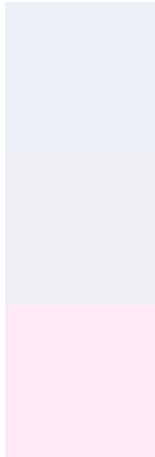
This preview shows how white text looks on a background with the XYZ color 82.0556, 86.6362,

99.5864.

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

82.0556, 86.6362, 99.5864

Protanopia

83.6739, 86.6189, 98.6952

Deuteranopia

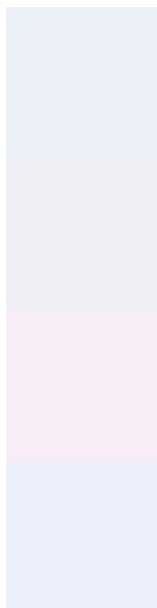
87.0135, 86.1916, 99.2393



Tritanopia

83.5496, 86.3736, 106.8760

Trichromacy



Original Color

82.0556, 86.6362, 99.5864

Protanomaly

82.9445, 86.6763, 98.7448

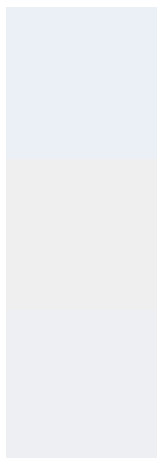
Deuteranomaly

85.3414, 86.6012, 99.4065

Tritanomaly

83.0293, 86.5941, 104.4337

Monochromacy



Original Color

82.0556, 86.6362, 99.5864

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.1534, 86.3210, 96.3361

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0556, 86.6362, 99.5864 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(235, 240, 246) looks like.

```
.text, #text, p{  
    color:rgb(235, 240, 246)  
}
```

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(235, 240, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 240, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.0556, 86.6362, 99.5864 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(235, 240, 246) }
```


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

```
.border{ border-color:rgb(235, 240, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 240, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 240, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 240, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 240,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0556, 86.6362, 99.5864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 240, 246) }
```

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

```
.background{ background-color: rgb(235,  
240, 246) }
```

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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