

Converting Colors

XYZ(82.2639, 87.2415, 99.8762)

Have a look what the booklet for
XYZ(82.2639, 87.2415, 99.8762)
contains.

XYZ(82.3508, 87.2266, 99.6848)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(82.3508, 87.2266,
99.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF1F6
RGB	235, 241, 246
RGB Percent	92%, 95%, 96%
CMY	0.0784, 0.0549, 0.0353
CMYK	0.04, 0.02, 0.00, 0.04
HSL	207°, 38%, 94%
HSV	207°, 4%, 96%
XYZ	82.3508, 87.2266, 99.6848
YIQ	239.7760, -5.1810, 0.2830

Conversions

Conversions Part 2

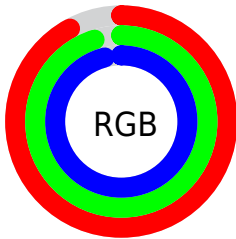
Format	Color
R _Y B	235, 239, 246
Decimal	15462902
CIE Lab	94.83, -1.07, -3.11
CIE LCh	95, 3.287, 251.014
Yxy	87.2266, 0.3058, 0.3239
Android (android.graphics.Color)	4293652982 (0xFFEBF1F6)
YUV	239.7760, 3.0684, -4.1886
Hunter-Lab	93.3952, -6.0500, 2.0938

Details

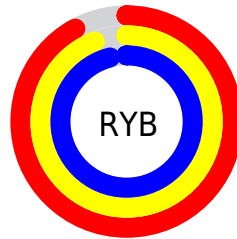
The XYZ color **82.3508, 87.2266, 99.6848** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.1617, 87.9103, 91.1312**, and the grayscale version is **82.6311, 86.9344, 94.6715**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2336, 47.9993, 55.5959** is the 20% darker color. If you saturate the color by 10%, you get **71.5779, 76.9150, 98.2636**, and if you desaturate by 10%, it is **92.7414, 97.6470, 101.1498**.

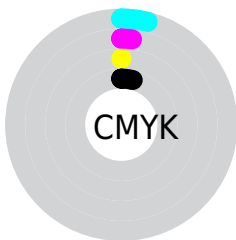
Distribution



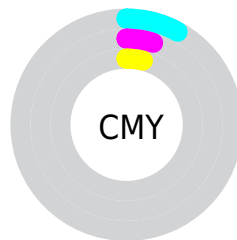
- Red (92%)
- Green (95%)
- Blue (96%)



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



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



- Cyan (8%)
- Magenta (5%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3508, 87.2266, 99.6848 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 82.3508, 87.2266, 99.6848 by changing the saturation by 10% instead.

82.3508, 87.2266,
99.6848

82.3508, 87.2266,
99.6848

491.4371,
518.9672, 580.4197

61.9698, 65.6827,
75.4219

135.5991,
143.4799, 162.7721

45.2638, 48.0149,
55.4548

169.1971,
178.9582, 202.4335

31.8674, 33.8387,
39.3649

207.9315,
219.8501, 248.0649

21.4153, 22.7697,
26.7337

252.1677,
266.5399, 300.0847

13.5421, 14.4236,
17.1427

302.2710,
319.4122, 358.9116

7.8825, 8.4158,
10.1732

358.6068,

4.0710, 4.3622,

378.8512, 424.9640

5.4069

421.5403,
445.2414, 498.6605

■ 1.7424, 1.8781,
2.4250

■ 0.4826, 0.5352,
0.8000

■ 82.3508, 87.2266,
99.6848

■ 82.3508, 87.2266,
99.6848

■ 71.5779, 76.9150,
98.2636

■ 92.7414, 97.6470,
101.1498

■ 62.0790, 67.5536,
96.9573

■ 93.6348, 99.4339,
101.4476

■ 53.8042, 59.1135,
95.7643

■ 46.6967, 51.5599,
94.6809

■ 40.6953, 44.8553,
93.7031

■ 35.7325, 38.9588,
92.8266

■ 31.7326, 33.8253,
92.0465

■ 28.6083, 29.4033,
91.3577

■ 26.2534, 25.6313,
90.7537

Harmonies

Analogous

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



81.6218, 87.2266, 98.2274



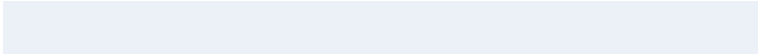
82.3508, 87.2266, 99.6848



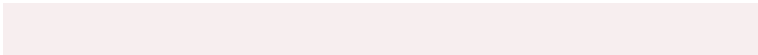
83.2336, 87.2266, 99.8670

Triad

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



82.3508, 87.2266, 99.6848



84.5973, 87.2266, 94.0417



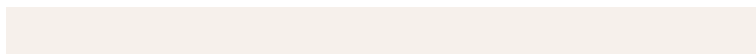
81.7884, 87.2266, 91.3249

Complementary

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



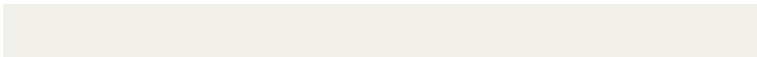
82.3508, 87.2266, 99.6848



84.1617, 87.9103, 91.1312

Split Complementary

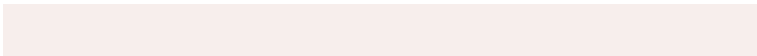
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.5798, 87.2266, 90.2453



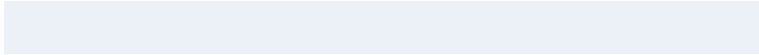
82.3508, 87.2266, 99.6848



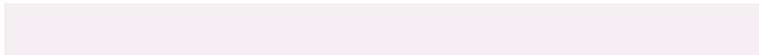
84.2042, 87.2266, 91.7951

Square

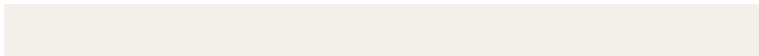
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



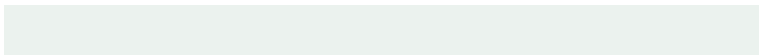
82.3508, 87.2266, 99.6848



84.5349, 87.2266, 96.5783



83.4642, 87.2266, 90.4158



81.2987, 87.2266, 93.3895

Rectangle

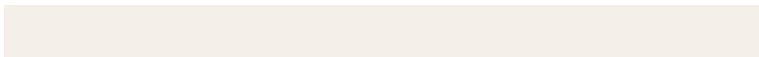
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.3508, 87.2266, 99.6848



83.7911, 87.2266, 99.2373



83.4642, 87.2266, 90.4158



82.0277, 87.2266, 90.8365

Sweetspot

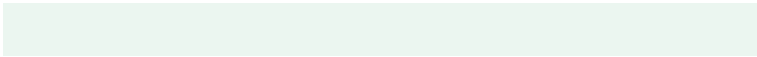
The Sweet Spot groups the original color and five complimentary colors.



82.3533, 87.2303, 99.6867



93.7497, 98.7828, 108.7336



82.9388, 89.8634, 95.3745



20.0800, 21.1564, 23.2752



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.



82.3533, 87.2303, 99.6867



88.6942, 94.0222, 108.0812



80.7629, 84.0495, 99.1566



17.2198, 18.2727, 21.1620



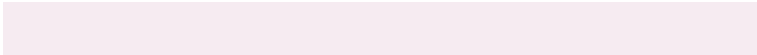
13.5913, 12.9764, 48.3264



1.2972, 1.3458, 4.2816

Inverse Universe

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



83.5935, 85.3620, 95.2942



90.1981, 91.7658, 102.7522



85.7915, 91.1698, 91.6745



17.5536, 17.7745, 19.9787



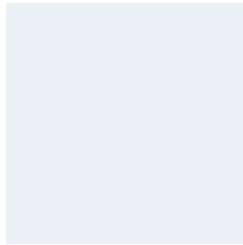
22.6648, 11.4093, 13.4750



2.0438, 1.0235, 1.4572

Previews

White Background



This preview shows how the XYZ color 82.3508, 87.2266, 99.6848 looks on a white background.

Color Contrast Check

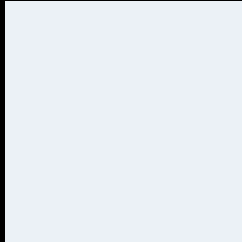
Large Text (above 18pt) WCAG AA × Fail

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 82.3508, 87.2266, 99.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

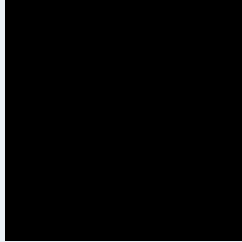
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

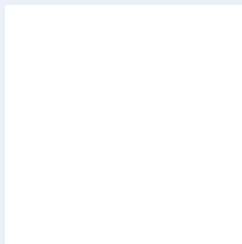
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.3508, 87.2266, 99.6848

Background



This preview shows how black text looks on a background with the XYZ color 82.3508, 87.2266, 99.6848.



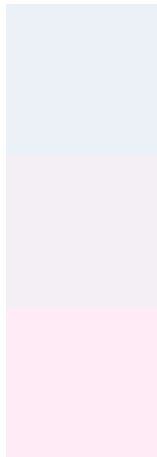
This preview shows how white text looks on a background with the XYZ color 82.3508, 87.2266,

99.6848.

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

82.3508, 87.2266, 99.6848

Protanopia

84.3101, 87.3803, 98.8087

Deuteranopia

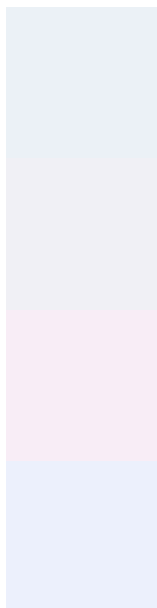
87.5829, 87.3305, 99.4291



Tritanopia

83.8416, 86.9575, 106.9733

Trichromacy



Original Color

82.3508, 87.2266, 99.6848

Protanomaly

83.5767, 87.4380, 98.8585

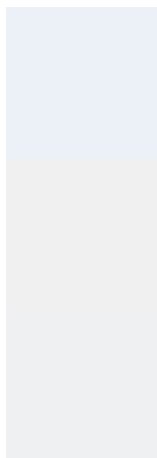
Deuteranomaly

85.6301, 87.1787, 99.5027

Tritanomaly

83.3228, 87.1813, 104.5316

Monochromacy



Original Color

82.3508, 87.2266, 99.6848

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.4470, 86.9081, 96.4339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3508, 87.2266, 99.6848 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, 241, 246) looks like.

```
.text, #text, p{  
    color:rgb(235, 241, 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, 241, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 241, 246) }
```

Border

The CSS property to change the border of an element to XYZ 82.3508, 87.2266, 99.6848 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, 241, 246) }
```


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

```
.border{ border-color:rgb(235, 241, 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, 241, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 241, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 241, 246);  
box-shadow:4px 4px 4px 4px rgb(235, 241,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3508, 87.2266, 99.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 241, 246) }
```

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

```
.background{ background-color: rgb(235,  
241, 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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