

Converting Colors

XYZ(87.8974, 88.2696,
135.3917)

Have a look what the booklet for
XYZ(87.8974, 88.2696, 135.3917)
contains.

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Color

**XYZ(82.5208, 86.2766,
106.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	E9EFFF
RGB	233, 239, 255
RGB Percent	91%, 94%, 100%
CMY	0.0863, 0.0627, 0.0000
CMYK	0.09, 0.06, 0.00, 0.00
HSL	224°, 100%, 96%
HSV	224°, 9%, 100%
XYZ	82.5208, 86.2766, 106.9115
YIQ	239.0300, -8.7120, 3.7040

Conversions

Conversions Part 2

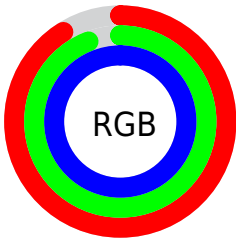
Format	Color
R _Y B	233, 238, 255
Decimal	15331327
CIE Lab	94.43, 1.00, -8.39
CIE LCh	94, 8.447, 276.793
Yxy	86.2766, 0.2993, 0.3129
Android (android.graphics.Color)	4293521407 (0xFFE9EFFF)
YUV	239.0300, 7.8732, -5.2883
Hunter-Lab	92.8852, -3.9666, -3.2236

Details

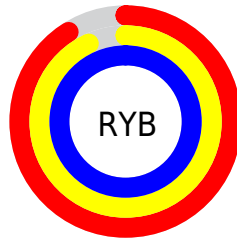
The XYZ color **82.5208, 86.2766, 106.9115** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.8230, 94.8928, 90.6744**, and the grayscale version is **82.0149, 86.2861, 93.9656**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2580, 47.2913, 60.1689** is the 20% darker color. If you saturate the color by 10%, you get **69.6379, 71.9882, 104.8325**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



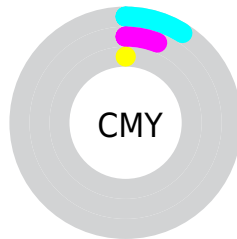
- Red (91%)
- Green (94%)
- Blue (100%)



- Red (91%)
- Yellow (93%)
- Blue (100%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5208, 86.2766, 106.9115 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 82.5208, 86.2766, 106.9115 by changing the saturation by 10% instead.

82.5208, 86.2766,
106.9115

82.5208, 86.2766,
106.9115

491.9962,
515.8428, 603.5665

62.1105, 64.8967,
81.4361

135.8361,
142.1554, 172.7576

45.3779, 47.3773,
60.3677

169.4718,
177.4231, 213.9654

31.9577, 33.3341,
43.2879

208.2467,
218.0889, 261.2544

21.4846, 22.3825,
29.7780

252.5261,
264.5372, 315.0432

13.5932, 14.1382,
19.4195

302.6754,
317.1523, 375.7502

7.9181, 8.2169,
11.7939

359.0600,

4.0939, 4.2340,

376.3187, 443.7941

6.4827

422.0451,
442.4207, 519.5933

■ 1.7554, 1.8053,
3.0672

■ 0.4906, 0.4905,
1.1291

■ 82.5208, 86.2766,
106.9115

■ 82.5208, 86.2766,
106.9115

■ 69.6379, 71.9882,
104.8325

95.0500, 100.0000,
108.9000

■ 58.4444, 59.3703,
102.9870

■ 48.8700, 48.3628,
101.3670

■ 40.8368, 38.8982,
99.9635

■ 34.2600, 30.9039,
98.7671

■ 29.0461, 24.3009,
97.7674

■ 25.0902, 19.0019,
96.9531

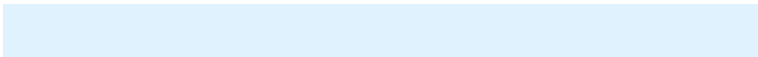
■ 22.2702, 14.9081,
96.3115

■ 20.4199, 11.8947,
95.8274

Harmonies

Analogous

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



80.2949, 86.2766, 105.9075



82.5208, 86.2766, 106.9115



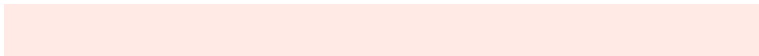
84.6461, 86.2766, 104.3136

Triad

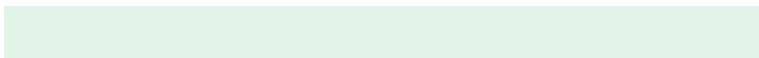
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5208, 86.2766, 106.9115



85.5495, 86.2766, 86.6490



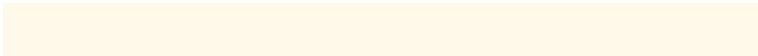
78.0558, 86.2766, 89.0990

Complementary

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



82.5208, 86.2766, 106.9115



89.8230, 94.8928, 90.6744

Split Complementary

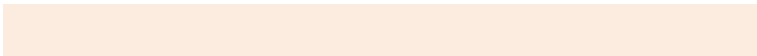
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.4162, 86.2766, 84.2791



82.5208, 86.2766, 106.9115



83.7358, 86.2766, 82.9108

Square

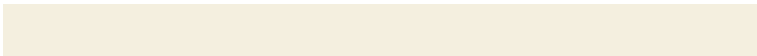
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



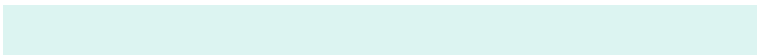
82.5208, 86.2766, 106.9115



86.4154, 86.2766, 92.4694



81.4880, 86.2766, 82.0636



77.7440, 86.2766, 95.4272

Rectangle

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



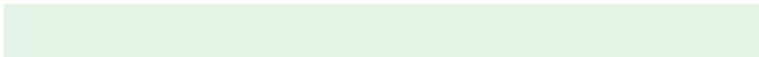
82.5208, 86.2766, 106.9115



85.7108, 86.2766, 100.9562



81.4880, 86.2766, 82.0636



78.4043, 86.2766, 87.2577

Sweetspot

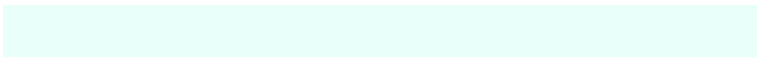
The Sweet Spot groups the original color and five complimentary colors.



82.5231, 86.2801, 106.9120



90.5424, 95.0801, 108.1879



86.4276, 95.6691, 103.3431



19.1278, 20.0754, 23.1167



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.



82.5231, 86.2801, 106.9120



80.6506, 84.2158, 106.6123



82.3717, 83.6362, 106.4097



17.4063, 18.1843, 22.8424



10.6680, 6.2457, 50.0779



1.1250, 0.7806, 4.9047

Inverse Universe

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



85.9603, 85.7714, 93.6904



84.6050, 83.6586, 91.3954



89.9765, 97.7705, 91.2218



18.2130, 18.0685, 19.7387



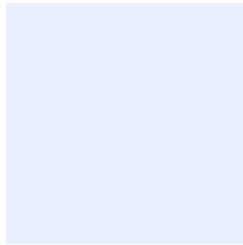
22.1729, 11.3585, 4.2952



2.2024, 1.1234, 0.6475

Previews

White Background



This preview shows how the XYZ color 82.5208, 86.2766, 106.9115 looks on a white background.

Color Contrast Check

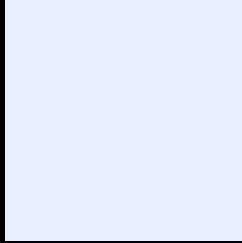
Large Text (above 18pt) WCAG AA × Fail

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 82.5208, 86.2766, 106.9115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

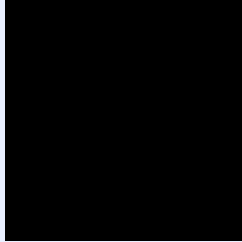
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

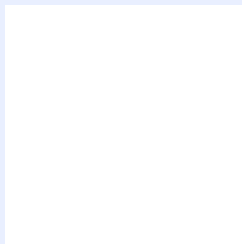
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.5208, 86.2766, 106.9115

Background



This preview shows how black text looks on a background with the XYZ color 82.5208, 86.2766, 106.9115.



This preview shows how white text looks on a background with the XYZ color 82.5208, 86.2766,

106.9115.

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

82.5208, 86.2766, 106.9115

Protanopia

83.7702, 86.0749, 105.9649

Deuteranopia

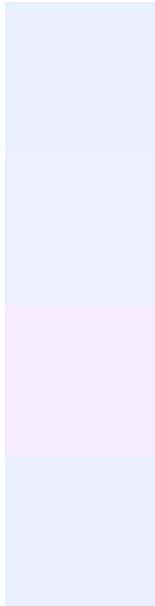
87.6969, 86.3805, 106.6587



Tritanopia

82.8482, 86.4454, 106.9268

Trichromacy



Original Color

82.5208, 86.2766, 106.9115

Protanomaly

83.3890, 86.3094, 106.0302

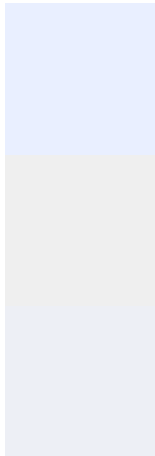
Deuteranomaly

85.7644, 86.2295, 106.7314

Tritanomaly

82.8482, 86.4454, 106.9268

Monochromacy



Original Color

82.5208, 86.2766, 106.9115

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

82.2730, 86.3301, 98.7133

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5208, 86.2766, 106.9115 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(233, 239, 255) looks like.

```
.text, #text, p{  
    color:rgb(233, 239, 255)  
}
```

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(233, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.5208, 86.2766, 106.9115 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(233, 239, 255) }
```


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

```
.border{ border-color:rgb(233, 239, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(233, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5208, 86.2766, 106.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 239, 255) }
```

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

```
.background{ background-color: rgb(233,  
239, 255) }
```

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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