

Converting Colors

XYZ(84.1850, 86.9450,
117.6286)

Have a look what the booklet for
XYZ(84.1850, 86.9450, 117.6286)
contains.

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Color

**XYZ(82.1952, 86.1088,
106.8963)**

Conversions

Conversions Part 1

Format	Color
Hex	E8EFFF
RGB	232, 239, 255
RGB Percent	91%, 94%, 100%
CMY	0.0902, 0.0627, 0.0000
CMYK	0.09, 0.06, 0.00, 0.00
HSL	222°, 100%, 95%
HSV	222°, 9%, 100%
XYZ	82.1952, 86.1088, 106.8963
YIQ	238.7310, -9.3080, 3.4920

Conversions

Conversions Part 2

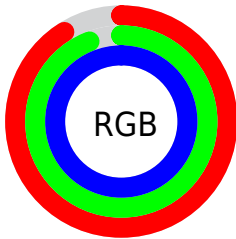
Format	Color
R _Y B	232, 237, 255
Decimal	15265791
CIE Lab	94.36, 0.68, -8.50
CIE LCh	94, 8.529, 274.571
Yxy	86.1088, 0.2987, 0.3129
Android (android.graphics.Color)	4293455871 (0xFFE8EFFF)
YUV	238.7310, 8.0206, -5.9031
Hunter-Lab	92.7948, -4.2804, -3.3436

Details

The XYZ color **82.1952, 86.1088, 106.8963** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **89.3721, 94.2190, 89.8211**, and the grayscale version is **81.7817, 86.0407, 93.6983**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.0310, 47.1743, 60.1582** is the 20% darker color. If you saturate the color by 10%, you get **69.5712, 72.2698, 104.8904**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

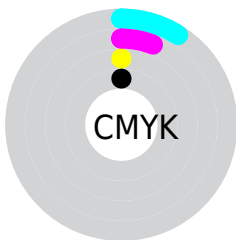
Distribution



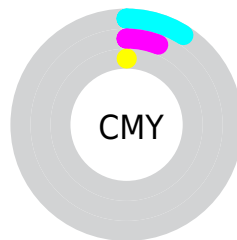
- Red (91%)
- Green (94%)
- Blue (100%)



- 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 82.1952, 86.1088, 106.8963 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 82.1952, 86.1088, 106.8963 by changing the saturation by 10% instead.

82.1952, 86.1088,
106.8963

82.1952, 86.1088,
106.8963

490.9250,
515.2899, 603.5183

61.8411, 64.7579,
81.4234

135.3821,
141.9213, 172.7367

45.1594, 47.2648,
60.3573

168.9456,
177.1517, 213.9413

31.7848, 33.2451,
43.2795

207.6430,
217.7775, 261.2268

21.3520, 22.3142,
29.7715

251.8395,
264.1830, 315.0119

13.4954, 14.0880,
19.4146

301.9007,
316.7526, 375.7151

7.8499, 8.1819,
11.7904

358.1917,

4.0501, 4.2116,

375.8706, 443.7548

6.4803

421.0780,
441.9216, 519.5497

■ 1.7305, 1.7926,
3.0658

■ 0.4752, 0.4826,
1.1283

■ 82.1952, 86.1088,
106.8963

■ 82.1952, 86.1088,
106.8963

■ 69.5712, 72.2698,
104.8904

95.0500, 100.0000,
108.9000

■ 58.5893, 60.0095,
103.1027

■ 49.1812, 49.2725,
101.5262

■ 41.2712, 39.9959,
100.1525

■ 34.7768, 32.1120,
98.9730

■ 29.6071, 25.5473,
97.9784

■ 25.6598, 20.2207,
97.1583

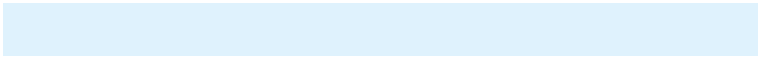
■ 22.8155, 16.0399,
96.5013

■ 20.9057, 12.8850,
95.9929

Harmonies

Analogous

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



79.9679, 86.1088, 105.6121



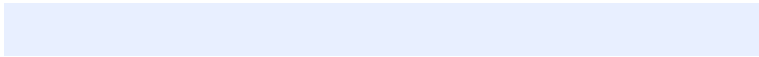
82.1952, 86.1088, 106.8963



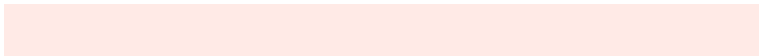
84.3675, 86.1088, 104.5280

Triad

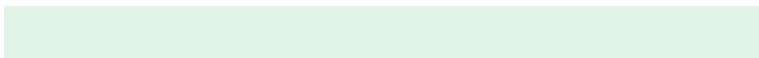
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.1952, 86.1088, 106.8963



85.5228, 86.1088, 86.7838



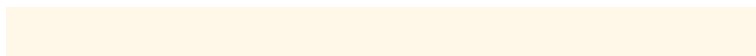
77.9318, 86.1088, 88.4474

Complementary

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



82.1952, 86.1088, 106.8963



89.3721, 94.2190, 89.8211

Split Complementary

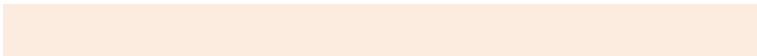
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.3710, 86.1088, 83.7542



82.1952, 86.1088, 106.8963



83.7488, 86.1088, 82.8256

Square

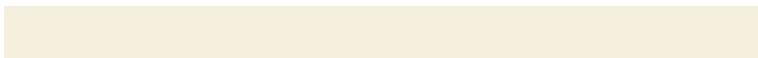
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.1952, 86.1088, 106.8963



86.3113, 86.1088, 92.7566



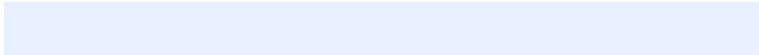
81.4935, 86.1088, 81.7426



77.5333, 86.1088, 94.7663

Rectangle

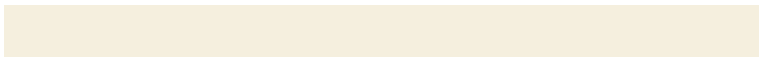
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



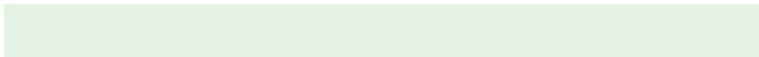
82.1952, 86.1088, 106.8963



85.4839, 86.1088, 101.2585



81.4935, 86.1088, 81.7426



78.3086, 86.1088, 86.6370

Sweetspot

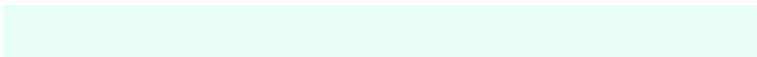
The Sweet Spot groups the original color and five complimentary colors.



82.1975, 86.1123, 106.8968



90.6175, 95.2301, 108.2129



85.9388, 95.4359, 102.4687



19.1480, 20.1158, 23.1235



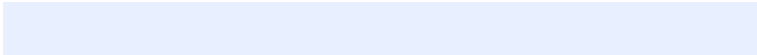
0.0000, 0.0000, 0.0000



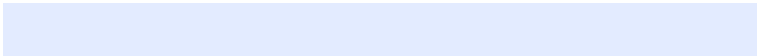
20.3446, 21.4041, 23.3091

Same Dimension

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



82.1975, 86.1123, 106.8968



79.5621, 83.2415, 106.4816



81.5718, 82.8046, 106.2913



17.4540, 18.2797, 22.8584



10.9567, 6.8230, 50.1741



1.1582, 0.8472, 4.9157

Inverse Universe

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



85.6780, 85.2067, 93.5964



83.7620, 82.1975, 90.4213



90.0316, 97.8154, 90.4805



18.2371, 18.0781, 19.8656



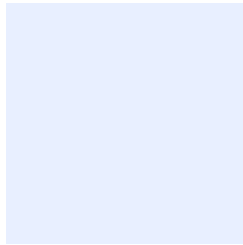
22.3186, 11.4167, 5.0624



2.2192, 1.1301, 0.7359

Previews

White Background



This preview shows how the XYZ color 82.1952, 86.1088, 106.8963 looks on a white background.

Color Contrast Check

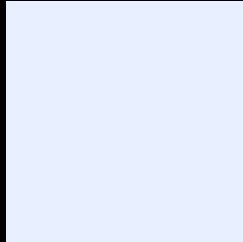
Large Text (above 18pt) WCAG AA × Fail

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 82.1952, 86.1088, 106.8963 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

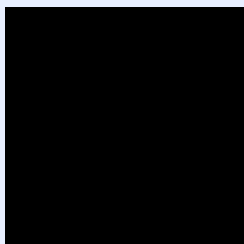
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

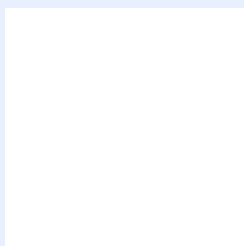
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1952, 86.1088, 106.8963

Background



This preview shows how black text looks on a background with the XYZ color 82.1952, 86.1088, 106.8963.



This preview shows how white text looks on a background with the XYZ color 82.1952, 86.1088,

106.8963.

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

82.1952, 86.1088, 106.8963

Protanopia

83.4335, 85.9013, 105.9491

Deuteranopia

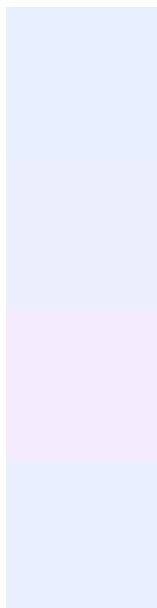
87.0515, 85.6287, 106.5476



Tritanopia

82.5208, 86.2766, 106.9115

Trichromacy



Original Color

82.1952, 86.1088, 106.8963

Protanomaly

83.0560, 86.1377, 106.0146

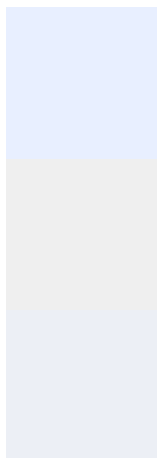
Deuteranomaly

85.4145, 86.0491, 106.7151

Tritanomaly

82.5208, 86.2766, 106.9115

Monochromacy



Original Color

82.1952, 86.1088, 106.8963

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

81.9400, 86.1584, 98.6977

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1952, 86.1088, 106.8963 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(232, 239, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 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(232, 239, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 239, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.1952, 86.1088, 106.8963 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(232, 239, 255) }
```


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

```
.border{ border-color:rgb(232, 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(232, 239, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 239, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 239, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 239,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1952, 86.1088, 106.8963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 239, 255) }
```

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

```
.background{ background-color: rgb(232,  
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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