

Converting Colors

XYZ(81.8142, 84.0845,
106.5256)

Have a look what the booklet for
XYZ(81.8142, 84.0845, 106.5256)
contains.

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Color

**XYZ(82.0193, 84.2988,
106.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEBFF
RGB	235, 235, 255
RGB Percent	92%, 92%, 100%
CMY	0.0784, 0.0784, 0.0000
CMYK	0.08, 0.08, 0.00, 0.00
HSL	240°, 100%, 96%
HSV	240°, 8%, 100%
XYZ	82.0193, 84.2988, 106.5562
YIQ	237.2800, -6.4200, 6.2200

Conversions

Conversions Part 2

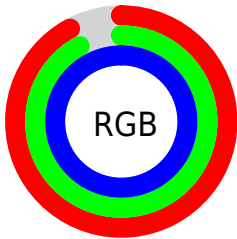
Format	Color
R _{YB}	235, 235, 255
Decimal	15461375
CIE Lab	93.58, 3.70, -9.63
CIE LCh	94, 10.319, 290.991
Yxy	84.2988, 0.3006, 0.3089
Android (android.graphics.Color)	4293651455 (0xFFEBEBFF)
YUV	237.2800, 8.7360, -1.9996
Hunter-Lab	91.8144, -1.2182, -4.5396

Details

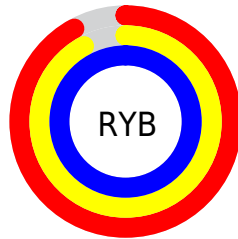
The XYZ color **82.0193, 84.2988, 106.5562** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.9947, 98.7762, 92.8160**, and the grayscale version is **80.6522, 84.8524, 92.4043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **44.9035, 45.9011, 59.9192** is the 20% darker color. If you saturate the color by 10%, you get **67.4125, 66.7000, 103.9291**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

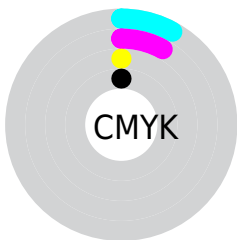
Distribution



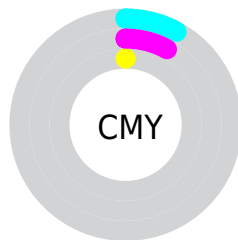
- Red (92%)
- Green (92%)
- Blue (100%)



- Red (92%)
- Yellow (92%)
- Blue (100%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (8%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.0193, 84.2988, 106.5562 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 82.0193, 84.2988, 106.5562 by changing the saturation by 10% instead.

82.0193, 84.2988,
106.5562

82.0193, 84.2988,
106.5562

490.3458,
509.3049, 602.4394

61.6956, 63.2622,
81.1398

135.1367,
139.3931, 172.2683

45.0415, 46.0533,
60.1251

168.6612,
174.2195, 213.4010

31.6915, 32.2879,
43.0935

207.3166,
214.4113, 260.6096

21.2804, 21.5815,
29.6265

251.4684,
260.3529, 314.3126

13.4427, 13.5497,
19.3056

301.4818,
312.4287, 374.9286

7.8132, 7.8082,
11.7123

357.7223,

4.0265, 3.9724,

371.0230, 442.8760

6.4279

420.5552,
436.5203, 518.5734

■ 1.7171, 1.6582,
3.0340

■ 0.4669, 0.3963,
1.1120

■ 82.0193, 84.2988,
106.5562

■ 82.0193, 84.2988,
106.5562

■ 67.4125, 66.7000,
103.9291

95.0500, 100.0000,
108.9000

■ 54.9610, 51.6972,
101.6895

■ 44.5649, 39.1708,
99.8196

■ 36.1137, 28.9877,
98.2995

■ 29.4866, 21.0024,
97.1075

■ 24.5494, 15.0530,
96.2194

■ 21.1493, 10.9557,
95.6077

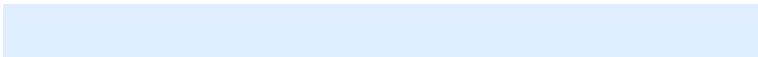
■ 19.1061, 8.4933,
95.2401

■ 18.1790, 7.3758,
95.0733

Harmonies

Analogous

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



79.3040, 84.2988, 107.4562



82.0193, 84.2988, 106.5562



84.2735, 84.2988, 101.5825

Triad

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



82.0193, 84.2988, 106.5562



83.4745, 84.2988, 80.5900



75.0482, 84.2988, 89.4521

Complementary

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



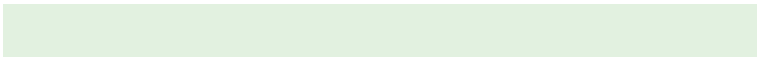
82.0193, 84.2988, 106.5562



91.9947, 98.7762, 92.8160

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.



76.1120, 84.2988, 82.6425



82.0193, 84.2988, 106.5562



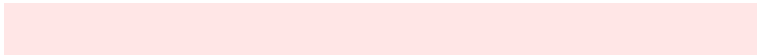
80.9486, 84.2988, 77.7204

Square

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



82.0193, 84.2988, 106.5562



85.1269, 84.2988, 86.5046



78.2571, 84.2988, 78.4499



75.3201, 84.2988, 97.2804

Rectangle

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



82.0193, 84.2988, 106.5562



85.1916, 84.2988, 96.7733



78.2571, 84.2988, 78.4499



75.2605, 84.2988, 86.9752

Sweetspot

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



82.0215, 84.3023, 106.5567



91.5933, 95.8351, 108.2783



88.0180, 96.3811, 108.2910



19.6409, 20.5563, 23.1825



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.



82.0215, 84.3023, 106.5567



80.2167, 82.1276, 106.2321



85.2993, 85.9907, 106.7098



17.0033, 17.3783, 22.7081



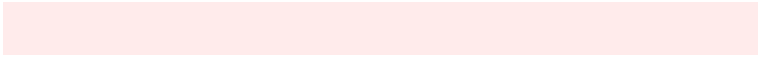
9.4318, 3.7733, 49.6658



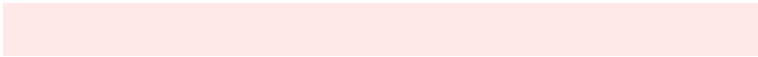
0.9184, 0.3675, 4.8358

Inverse Universe

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



85.9451, 86.6764, 90.8017



84.6838, 84.8306, 88.2945



88.5287, 96.9910, 92.6541



18.0096, 17.9871, 18.6676



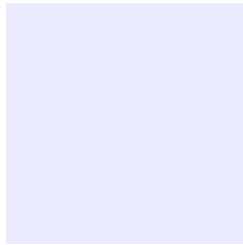
21.5490, 11.1089, 1.0094



2.0982, 1.0816, 0.0985

Previews

White Background



This preview shows how the XYZ color 82.0193, 84.2988, 106.5562 looks on a white background.

Color Contrast Check

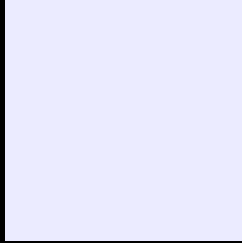
Large Text (above 18pt) WCAG AA × Fail

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 82.0193, 84.2988, 106.5562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

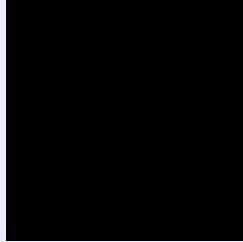
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.0193, 84.2988, 106.5562

Background



This preview shows how black text looks on a background with the XYZ color 82.0193, 84.2988, 106.5562.



This preview shows how white text looks on a background with the XYZ color 82.0193, 84.2988,

106.5562.

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

82.0193, 84.2988, 106.5562

Protanopia

82.0193, 84.2988, 106.5562

Deuteranopia

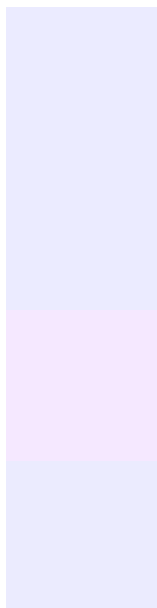
85.7712, 84.1376, 106.3273



Tritanopia

81.8587, 84.2346, 105.7104

Trichromacy



Original Color

82.0193, 84.2988, 106.5562

Protanomaly

82.0193, 84.2988, 106.5562

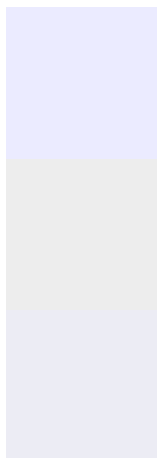
Deuteranomaly

84.5628, 84.3457, 106.4312

Tritanomaly

81.8587, 84.2346, 105.7104

Monochromacy



Original Color

82.0193, 84.2988, 106.5562

Achromatopsia

80.4953, 84.6873, 92.2245

Achromatomaly

80.9167, 84.3554, 97.6054

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.0193, 84.2988, 106.5562 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, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 235, 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(235, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.0193, 84.2988, 106.5562 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, 235, 255) }
```


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

```
.border{ border-color:rgb(235, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.0193, 84.2988, 106.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 235, 255) }
```

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

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