

Converting Colors

XYZ(82.3521, 84.4716,
106.5720)

Have a look what the booklet for
XYZ(82.3521, 84.4716, 106.5720)
contains.

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Color

**XYZ(82.3504, 84.4695,
106.5717)**

Conversions

Conversions Part 1

Format	Color
Hex	ECEBFF
RGB	236, 235, 255
RGB Percent	93%, 92%, 100%
CMY	0.0745, 0.0784, 0.0000
CMYK	0.07, 0.08, 0.00, 0.00
HSL	243°, 100%, 96%
HSV	243°, 8%, 100%
XYZ	82.3504, 84.4695, 106.5717
YIQ	237.5790, -5.8240, 6.4320

Conversions

Conversions Part 2

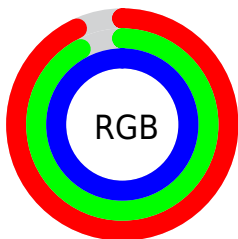
Format	Color
R _Y B	236, 235, 255
Decimal	15526911
CIE Lab	93.65, 4.02, -9.52
CIE LCh	94, 10.329, 292.888
Yxy	84.4695, 0.3012, 0.3090
Android (android.graphics.Color)	4293716991 (0xFFECEBFF)
YUV	237.5790, 8.5886, -1.3848
Hunter-Lab	91.9073, -0.8989, -4.4150

Details

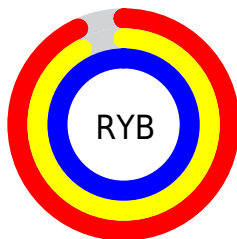
The XYZ color **82.3504, 84.4695, 106.5717** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.6305, 98.5899, 92.8017**, and the grayscale version is **80.8836, 85.0958, 92.6693**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.1355, 46.0207, 59.9301** is the 20% darker color. If you saturate the color by 10%, you get **68.0607, 67.0327, 103.9592**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

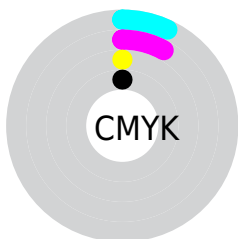
Distribution



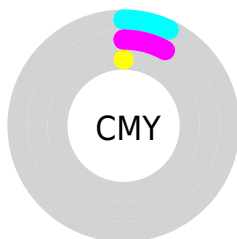
- Red (93%)
- Green (92%)
- Blue (100%)



- Red (93%)
- Yellow (92%)
- Blue (100%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.3504, 84.4695, 106.5717 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 82.3504, 84.4695, 106.5717 by changing the saturation by 10% instead.

82.3504, 84.4695,
106.5717

82.3504, 84.4695,
106.5717

491.4358,
509.8710, 602.4886

61.9695, 63.4031,
81.1527

135.5985,
139.6317, 172.2896

45.2636, 46.1674,
60.1356

169.1965,
174.4964, 213.4257

31.8672, 32.3780,
43.1020

207.9308,
214.7293, 260.6378

21.4152, 21.6504,
29.6331

252.1669,
260.7148, 314.3445

13.5420, 13.6002,
19.3106

302.2701,
312.8374, 374.9644

7.8824, 7.8431,
11.7158

358.6057,

4.0709, 3.9947,

371.4813, 442.9161

6.4303

421.5391,
437.0311, 518.6179

■ 1.7424, 1.6706,
3.0355

■ 0.4826, 0.4045,
1.1128

■ 82.3504, 84.4695,
106.5717

■ 82.3504, 84.4695,
106.5717

■ 68.0607, 67.0327,
103.9592

95.0500, 100.0000,
108.9000

■ 55.8185, 52.1368,
101.7292

■ 45.5321, 39.6663,
99.8643

■ 37.1001, 29.4929,
98.3451

■ 30.4120, 21.4763,
97.1502

■ 25.3455, 15.4607,
96.2561

■ 21.7626, 11.2698,
95.6360

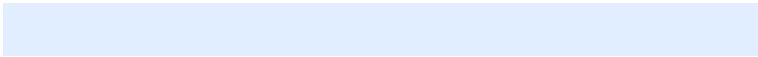
■ 19.5020, 8.6961,
95.2584

■ 18.3581, 7.4675,
95.0815

Harmonies

Analogous

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



79.6358, 84.4695, 107.7575



82.3504, 84.4695, 106.5717



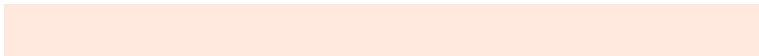
84.5569, 84.4695, 101.3719

Triad

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



82.3504, 84.4695, 106.5717



83.5038, 84.4695, 80.4675



75.1750, 84.4695, 90.1191

Complementary

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



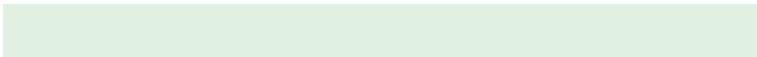
82.3504, 84.4695, 106.5717



91.6305, 98.5899, 92.8017

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.



76.1609, 84.4695, 83.1737



82.3504, 84.4695, 106.5717



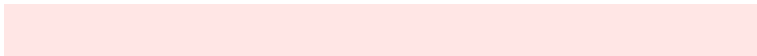
80.9392, 84.4695, 77.8103

Square

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



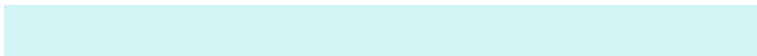
82.3504, 84.4695, 106.5717



85.2333, 84.4695, 86.2335



78.2559, 84.4695, 78.7722



75.5334, 84.4695, 97.9615

Rectangle

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



82.3504, 84.4695, 106.5717



85.4222, 84.4695, 96.4803



78.2559, 84.4695, 78.7722



75.3594, 84.4695, 87.6082

Sweetspot

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



82.3526, 84.4730, 106.5722



91.6842, 95.8816, 108.2825



87.8605, 95.9786, 108.5027



19.6594, 20.5657, 23.1834



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.



82.3526, 84.4730, 106.5722



80.5883, 82.3177, 106.2492



85.6500, 86.1728, 106.7265



17.0867, 17.4209, 22.7120



9.5508, 3.8341, 49.6713



0.9581, 0.3878, 4.8376

Inverse Universe

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



88.8398, 87.8357, 106.0404



87.9770, 86.1479, 105.6364



88.1812, 96.8118, 92.6402



18.7513, 18.2838, 22.5732



29.9631, 14.4745, 45.3175



2.9290, 1.4140, 4.4733

Previews

White Background



This preview shows how the XYZ color 82.3504, 84.4695, 106.5717 looks on a white background.

Color Contrast Check

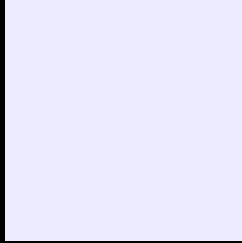
Large Text (above 18pt) WCAG AA × Fail

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 82.3504, 84.4695, 106.5717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

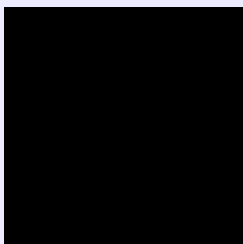
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.3504, 84.4695, 106.5717

Background



This preview shows how black text looks on a background with the XYZ color 82.3504, 84.4695, 106.5717.



This preview shows how white text looks on a background with the XYZ color 82.3504, 84.4695,

106.5717.

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

82.3504, 84.4695, 106.5717

Protanopia

82.3504, 84.4695, 106.5717

Deuteranopia

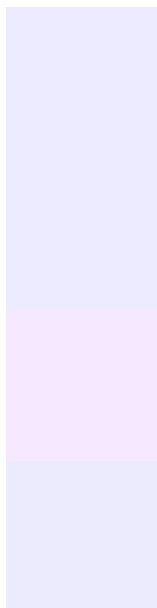
85.7712, 84.1376, 106.3273



Tritanopia

82.1898, 84.4053, 105.7259

Trichromacy



Original Color

82.3504, 84.4695, 106.5717

Protanomaly

82.3504, 84.4695, 106.5717

Deuteranomaly

84.5628, 84.3457, 106.4312

Tritanomaly

82.1898, 84.4053, 105.7259

Monochromacy



Original Color

82.3504, 84.4695, 106.5717

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.5384, 85.1046, 97.7172

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.3504, 84.4695, 106.5717 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(236, 235, 255) looks like.

```
.text, #text, p{  
    color:rgb(236, 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(236, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 235, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.3504, 84.4695, 106.5717 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(236, 235, 255) }
```


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

```
.border{ border-color:rgb(236, 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(236, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(236, 235,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.3504, 84.4695, 106.5717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 235, 255) }
```

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

```
.background{ background-color: rgb(236,  
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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