

Converting Colors

XYZ(82.4213, 85.2987,
106.7280)

Have a look what the booklet for
XYZ(82.4213, 85.2987, 106.7280)
contains.

XYZ(82.5951, 85.4505, 106.7481)	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(82.5951, 85.4505,
106.7481)**

Conversions

Conversions Part 1

Format	Color
Hex	EBEDFF
RGB	235, 237, 255
RGB Percent	92%, 93%, 100%
CMY	0.0784, 0.0706, 0.0000
CMYK	0.08, 0.07, 0.00, 0.00
HSL	234°, 100%, 96%
HSV	234°, 8%, 100%
XYZ	82.5951, 85.4505, 106.7481
YIQ	238.4540, -6.9700, 5.1740

Conversions

Conversions Part 2

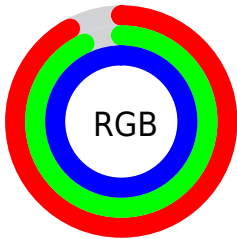
Format	Color
R _Y B	235, 237, 255
Decimal	15461887
CIE Lab	94.08, 2.67, -8.90
CIE LCh	94, 9.287, 286.684
Yxy	85.4505, 0.3006, 0.3110
Android (android.graphics.Color)	4293651967 (0xFFEBEDFF)
YUV	238.4540, 8.1572, -3.0292
Hunter-Lab	92.4394, -2.2784, -3.7599

Details

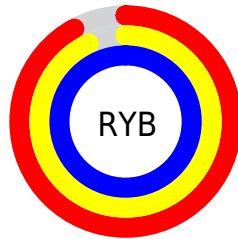
The XYZ color **82.5951, 85.4505, 106.7481** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **91.3599, 97.5067, 92.6042**, and the grayscale version is **81.5644, 85.8121, 93.4493**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.3073, 46.7087, 60.0538** is the 20% darker color. If you saturate the color by 10%, you get **68.5485, 68.9722, 104.3078**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

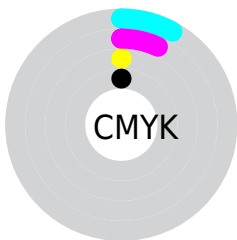
Distribution



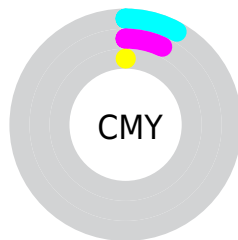
- Red (92%)
- Green (93%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.5951, 85.4505, 106.7481 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 82.5951, 85.4505, 106.7481 by changing the saturation by 10% instead.

82.5951, 85.4505,
106.7481

82.5951, 85.4505,
106.7481

492.2405,
513.1176, 603.0483

62.1720, 64.2137,
81.2998

135.9397,
141.0024, 172.5326

45.4278, 46.8238,
60.2561

169.5919,
176.0863, 213.7059

31.9972, 32.8964,
43.1984

208.3844,
216.5547, 260.9579

21.5149, 22.0471,
29.7083

252.6827,
262.7919, 314.7073

13.6155, 13.8915,
19.3671

302.8521,
315.1825, 375.3724

7.9336, 8.0452,
11.7564

359.2580,

4.1040, 4.1239,

374.1106, 443.3720

6.4575

422.2656,
439.9609, 519.1244

■ 1.7611, 1.7431,
3.0519

■ 0.4941, 0.4513,
1.1212

■ 82.5951, 85.4505,
106.7481

■ 82.5951, 85.4505,
106.7481

■ 68.5485, 68.9722,
104.3078

95.0500, 100.0000,
108.9000

■ 56.4735, 54.7222,
102.1937

■ 46.2834, 42.6079,
100.3925

■ 37.8828, 32.5260,
98.8892

■ 31.1677, 24.3646,
97.6679

■ 26.0233, 18.0009,
96.7107

■ 22.3203, 13.2978,
95.9981

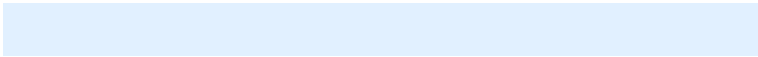
■ 19.9085, 10.0981,
95.5076

■ 18.5958, 8.2094,
95.2122

Harmonies

Analogous

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



80.1246, 85.4505, 106.9760



82.5951, 85.4505, 106.7481



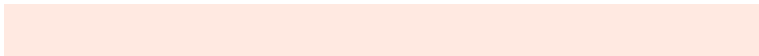
84.7379, 85.4505, 102.7296

Triad

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



82.5951, 85.4505, 106.7481



84.5342, 85.4505, 83.4526



76.6648, 85.4505, 89.9304

Complementary

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



82.5951, 85.4505, 106.7481



91.3599, 97.5067, 92.6042

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.



77.7972, 85.4505, 83.9817



82.5951, 85.4505, 106.7481



82.3216, 85.4505, 80.3721

Square

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



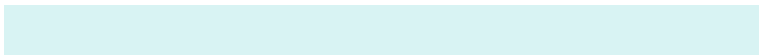
82.5951, 85.4505, 106.7481



85.8729, 85.4505, 89.1745



79.8566, 85.4505, 80.5607



76.7347, 85.4505, 97.0179

Rectangle

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



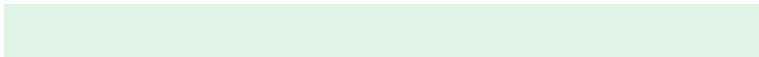
82.5951, 85.4505, 106.7481



85.6772, 85.4505, 98.5528



79.8566, 85.4505, 80.5607



76.9165, 85.4505, 87.7388

Sweetspot

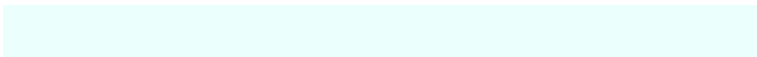
The Sweet Spot groups the original color and five complimentary colors.



82.5974, 85.4540, 106.7487



91.7520, 96.1524, 108.3312



87.6982, 96.2531, 106.6071



19.6732, 20.6209, 23.1933



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.



82.5974, 85.4540, 106.7487



80.8673, 83.4288, 106.4490



84.6065, 85.6334, 106.6774



17.1494, 17.6704, 22.7568



9.6671, 4.2438, 49.7442



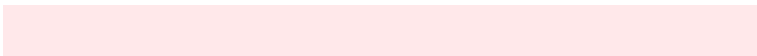
0.9876, 0.5060, 4.8589

Inverse Universe

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



86.2357, 86.7925, 92.3324



85.0122, 84.9620, 90.0238



89.2314, 97.3532, 92.6868



18.0833, 18.0166, 19.0558



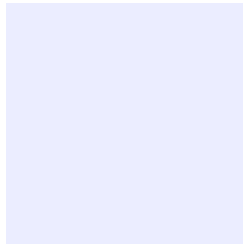
21.6677, 11.1564, 1.6346



2.1331, 1.0956, 0.2824

Previews

White Background



This preview shows how the XYZ color 82.5951, 85.4505, 106.7481 looks on a white background.

Color Contrast Check

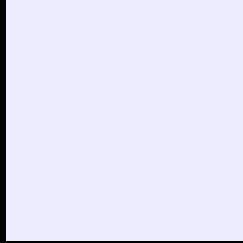
Large Text (above 18pt) WCAG AA × Fail

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 82.5951, 85.4505, 106.7481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

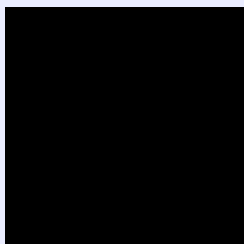
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 82.5951, 85.4505, 106.7481

Background



This preview shows how black text looks on a background with the XYZ color 82.5951, 85.4505, 106.7481.



This preview shows how white text looks on a background with the XYZ color 82.5951, 85.4505,

106.7481.

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

82.5951, 85.4505, 106.7481

Protanopia

82.9705, 85.2154, 106.6829

Deuteranopia

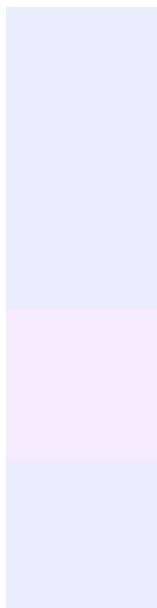
87.0515, 85.6287, 106.5476



Tritanopia

82.5951, 85.4505, 106.7481

Trichromacy



Original Color

82.5951, 85.4505, 106.7481

Protanomaly

82.6375, 85.0438, 106.6674

Deuteranomaly

85.4789, 85.6585, 106.6363

Tritanomaly

82.5951, 85.4505, 106.7481

Monochromacy



Original Color

82.5951, 85.4505, 106.7481

Achromatopsia

81.2670, 85.4993, 93.1087

Achromatomaly

81.8287, 85.6852, 97.8140

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.5951, 85.4505, 106.7481 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(235, 237, 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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 82.5951, 85.4505, 106.7481 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, 237, 255) }
```


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

```
.border{ border-color:rgb(235, 237, 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, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(235, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 82.5951, 85.4505, 106.7481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 237, 255) }
```

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

```
.background{ background-color: rgb(235,  
237, 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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