

Converting Colors

XYZ(54.5226, 56.9793, 86.4198)

Have a look what the booklet for
XYZ(54.5226, 56.9793, 86.4198)
contains.

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Color

**XYZ(54.7057, 57.1305,
86.7412)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C8EB
RGB	181, 200, 235
RGB Percent	71%, 78%, 92%
CMY	0.2902, 0.2157, 0.0784
CMYK	0.23, 0.15, 0.00, 0.08
HSL	219°, 57%, 82%
HSV	219°, 23%, 92%
XYZ	54.7057, 57.1305, 86.7412
YIQ	198.3090, -22.5590, 6.8570

Conversions

Conversions Part 2

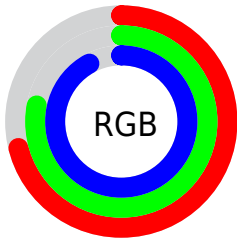
Format	Color
R _Y B	181, 195, 235
Decimal	11913451
CIE Lab	80.25, 1.03, -19.45
CIE LCh	80, 19.478, 273.027
Yxy	57.1305, 0.2755, 0.2877
Android (android.graphics.Color)	4290103531 (0xFFB5C8EB)
YUV	198.3090, 18.0887, -15.1800
Hunter-Lab	75.5847, -3.0809, -15.1320

Details

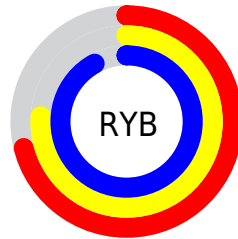
The XYZ color **54.7057, 57.1305, 86.7412** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **67.1578, 70.1101, 53.7104**, and the grayscale version is **53.7691, 56.5693, 61.6039**.

A 20% lighter version of the original color is **88.7351, 96.7445, 108.6045**, and **27.1680, 28.3245, 46.6831** is the 20% darker color. If you saturate the color by 10%, you get **46.3001, 47.8203, 85.3881**, and if you desaturate by 10%, it is **64.3957, 67.6273, 88.2575**.

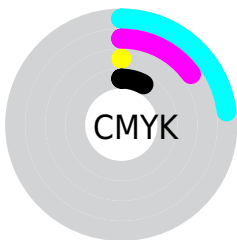
Distribution



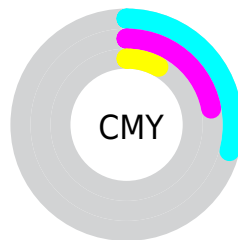
- Red (71%)
- Green (78%)
- Blue (92%)



- Red (71%)
- Yellow (76%)
- Blue (92%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (8%)



- Cyan (29%)
- Magenta (22%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7057, 57.1305, 86.7412 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 54.7057, 57.1305, 86.7412 by changing the saturation by 10% instead.

■ 54.7057, 57.1305,
86.7412

■ 54.7057, 57.1305,
86.7412

394.9500,
413.9381, 537.6662

■ 39.3991, 41.1100,
64.7227

■ 96.2605, 100.6556,
144.6990

■ 27.2524, 28.4051,
46.7863

123.2393,
128.9290, 181.4754

■ 17.9005, 18.6312,
32.5136

154.8396,
162.0555, 224.0082

■ 10.9778, 11.4041,
21.4860

191.4266,
200.4194, 272.7158

■ 6.1191, 6.3393,
13.2851

233.3658,
244.4053, 328.0169

■ 2.9590, 3.0525,
7.4921

281.0226,

■ 1.1321, 1.1592,

294.3974, 390.3300

3.6886

334.7622,
350.7802, 460.0735

■ 0.0517, 0.0280,
1.4561

■ 0.0000, 0.0000,
0.1849

■ 54.7057, 57.1305,
86.7412

■ 54.7057, 57.1305,
86.7412

■ 46.3001, 47.8203,
85.3881

■ 64.3957, 67.6273,
88.2575

■ 39.1167, 39.6452,
84.1888

■ 75.4179, 79.3457,
89.9385

■ 33.0959, 32.5600,
83.1385

■ 87.8240, 92.3277,
91.7904

■ 28.1707, 26.5135,
82.2310

■ 91.9956, 98.7782,
92.8156

■ 24.2667, 21.4496,
81.4594

■ 21.2990, 17.3059,
80.8160

■ 19.1666, 14.0102,
80.2922

■ 18.0656, 12.1382,
79.9889

Harmonies

Analogous

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



50.9054, 57.1305, 83.8386



54.7057, 57.1305, 86.7412



58.5767, 57.1305, 82.4352

Triad

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



54.7057, 57.1305, 86.7412



60.9685, 57.1305, 51.0150



47.7661, 57.1305, 52.7905

Complementary

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



54.7057, 57.1305, 86.7412



67.1578, 70.1101, 53.7104

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.



50.2383, 57.1305, 45.5896



54.7057, 57.1305, 86.7412



57.8440, 57.1305, 44.6559

Square

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



54.7057, 57.1305, 86.7412



62.3016, 57.1305, 61.0559



53.8980, 57.1305, 42.7966



47.0161, 57.1305, 63.3692

Rectangle

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



54.7057, 57.1305, 86.7412



60.6428, 57.1305, 76.3303



53.8980, 57.1305, 42.7966



48.4171, 57.1305, 49.9403

Sweetspot

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



54.7075, 57.1328, 86.7425



85.2050, 89.6100, 107.4134



61.0570, 74.1581, 75.5218



18.0639, 18.9960, 22.9645



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.



54.7075, 57.1328, 86.7425



60.4546, 62.8272, 103.5483



52.3089, 49.7641, 85.4466



14.6648, 15.4161, 19.1249



10.1627, 6.9724, 44.5531



0.8856, 0.7226, 3.5277

Inverse Universe

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



61.2115, 54.8815, 62.0132



69.7721, 59.9649, 68.0403



69.9813, 79.2151, 55.3191



15.2844, 15.1416, 16.7828



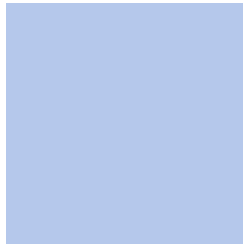
19.9850, 10.1967, 5.7222



1.6135, 0.8184, 0.6820

Previews

White Background



This preview shows how the XYZ color 54.7057, 57.1305, 86.7412 looks on a white background.

Color Contrast Check

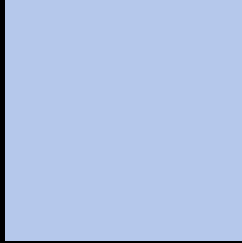
Large Text (above 18pt) WCAG AA × Fail

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 54.7057, 57.1305, 86.7412 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

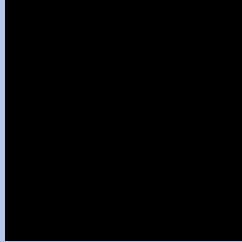
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

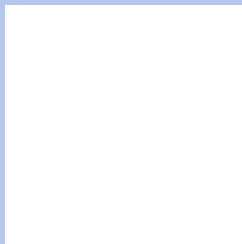
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.7057, 57.1305, 86.7412

Background



This preview shows how black text looks on a background with the XYZ color 54.7057, 57.1305, 86.7412.



This preview shows how white text looks on a background with the XYZ color 54.7057, 57.1305,

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

54.7057, 57.1305, 86.7412

Protanopia

56.4125, 57.0222, 85.1239

Deuteranopia

58.2515, 56.9191, 87.2732



Tritanopia

52.5022, 57.2913, 75.3090

Trichromacy



Original Color

54.7057, 57.1305, 86.7412

Protanomaly

55.7844, 57.0200, 85.9077

Deuteranomaly

56.8726, 56.8734, 87.3370

Tritanomaly

53.3015, 57.2610, 79.4774

Monochromacy



Original Color

54.7057, 57.1305, 86.7412

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.9195, 56.7565, 69.7412

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7057, 57.1305, 86.7412 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(181, 200, 235)` looks like.

```
.text, #text, p{  
    color:rgb(181, 200, 235)  
}
```

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(181, 200, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 200, 235) }
```

Border

The CSS property to change the border of an element to XYZ 54.7057, 57.1305, 86.7412 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(181, 200, 235) }
```


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

```
.border{ border-color:rgb(181, 200, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 200, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 200, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 200, 235);  
box-shadow:4px 4px 4px 4px rgb(181, 200,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7057, 57.1305, 86.7412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 200, 235) }
```

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

```
.background{ background-color: rgb(181,  
200, 235) }
```

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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