

Converting Colors

XYZ(57.2165, 60.0181, 94.1570)

Have a look what the booklet for
XYZ(57.2165, 60.0181, 94.1570)
contains.

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Color

**XYZ(57.2165, 60.0181,
94.1570)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDF4
RGB	181, 205, 244
RGB Percent	71%, 80%, 96%
CMY	0.2902, 0.1961, 0.0431
CMYK	0.26, 0.16, 0.00, 0.04
HSL	217°, 74%, 83%
HSV	217°, 26%, 96%
XYZ	57.2165, 60.0181, 94.1570
YIQ	202.2700, -26.8230, 7.0410

Conversions

Conversions Part 2

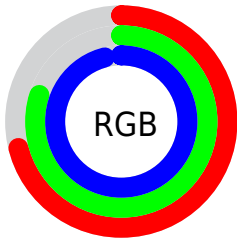
Format	Color
R _Y B	181, 198, 244
Decimal	11914740
CIE Lab	81.85, 0.42, -21.84
CIE LCh	82, 21.844, 271.105
Yxy	60.0181, 0.2707, 0.2839
Android (android.graphics.Color)	4290104820 (0xFFB5CDF4)
YUV	202.2700, 20.5729, -18.6538
Hunter-Lab	77.4713, -3.7436, -17.8298

Details

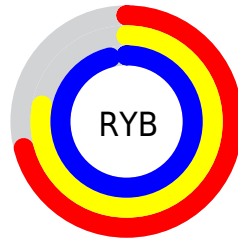
The XYZ color **57.2165, 60.0181, 94.1570** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.2426, 73.7560, 54.1990**, and the grayscale version is **56.1966, 59.1232, 64.3852**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.8961, 30.2761, 51.8978** is the 20% darker color. If you saturate the color by 10%, you get **48.5484, 50.4436, 92.7668**, and if you desaturate by 10%, it is **67.2391, 70.8115, 95.7131**.

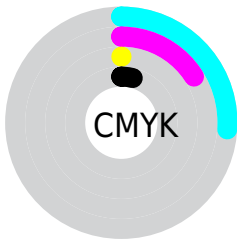
Distribution



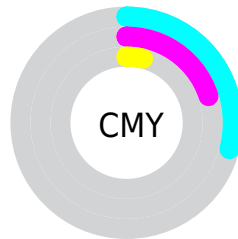
- Red (71%)
- Green (80%)
- Blue (96%)



- Red (71%)
- Yellow (78%)
- Blue (96%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (4%)



- Cyan (29%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2165, 60.0181, 94.1570 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 57.2165, 60.0181, 94.1570 by changing the saturation by 10% instead.

■ 57.2165, 60.0181,
94.1570

■ 57.2165, 60.0181,
94.1570

404.2611,
424.6645, 562.3779

■ 41.4199, 43.4332,
70.8405

■ 99.9106, 104.8559,
155.0850

■ 28.8365, 30.2252,
51.7310

127.5387,
133.8777, 193.5336

■ 19.1008, 20.0096,
36.4100

159.8415,
167.8138, 237.8633

■ 11.8476, 12.4020,
24.4588

197.1841,
207.0488, 288.4928

■ 6.7114, 7.0181,
15.4590

239.9321,
251.9669, 345.8404

■ 3.3270, 3.4734,
8.9919

288.4507,

■ 1.3290, 1.3836,

302.9526, 410.3248

4.6392

343.1052,
360.3904, 482.3644

■ 0.2047, 0.2046,
1.9821

■ 0.0000, 0.0000,
0.5443

■ 57.2165, 60.0181,
94.1570

■ 57.2165, 60.0181,
94.1570

■ 48.5484, 50.4436,
92.7668

■ 67.2391, 70.8115,
95.7131

■ 41.1671, 42.0343,
91.5327

■ 78.6685, 82.8605,
97.4364

■ 35.0072, 34.7425,
90.4499

■ 91.5608, 96.2090,
99.3334

■ 29.9948, 28.5142,
89.5119

■ 93.3293, 99.3117,
99.8391

■ 26.0473, 23.2899,
88.7116

■ 23.0693, 19.0026,
88.0410

■ 20.9451, 15.5736,
87.4911

■ 20.2402, 14.3535,
87.2927

Harmonies

Analogous

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



52.8687, 60.0181, 90.1887



57.2165, 60.0181, 94.1570



61.7480, 60.0181, 89.5832

Triad

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



57.2165, 60.0181, 94.1570



64.9762, 60.0181, 53.0932



49.6318, 60.0181, 53.8349

Complementary

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



57.2165, 60.0181, 94.1570



71.2426, 73.7560, 54.1990

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.



52.5878, 60.0181, 45.9351



57.2165, 60.0181, 94.1570



61.4365, 60.0181, 45.5492

Square

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



57.2165, 60.0181, 94.1570



66.3742, 60.0181, 64.8612



56.8746, 60.0181, 43.1133



48.6344, 60.0181, 65.8402

Rectangle

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



57.2165, 60.0181, 94.1570



64.2258, 60.0181, 82.6195



56.8746, 60.0181, 43.1133



50.4212, 60.0181, 50.6713

Sweetspot

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



57.2184, 60.0205, 94.1584



84.0420, 88.5401, 107.2682



64.3064, 79.6857, 79.5989



17.5702, 18.5120, 22.8971



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.



57.2184, 60.0205, 94.1584



58.0306, 60.6191, 103.2499



53.6798, 50.3168, 92.4719



16.0986, 16.9615, 20.9680



11.1271, 8.0479, 47.5050



1.0739, 0.8992, 4.2072

Inverse Universe

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



64.8531, 56.6902, 65.2845



67.9042, 56.7505, 65.8101



75.5006, 85.9831, 56.3346



16.7604, 16.5870, 18.4846



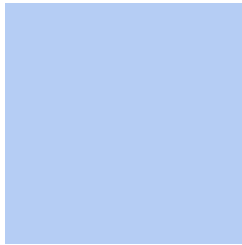
21.4209, 10.9118, 6.9250



1.9311, 0.9784, 0.8637

Previews

White Background



This preview shows how the XYZ color 57.2165, 60.0181, 94.1570 looks on a white background.

Color Contrast Check

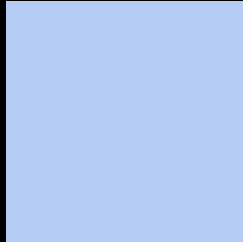
Large Text (above 18pt) WCAG AA × Fail

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 57.2165, 60.0181, 94.1570 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

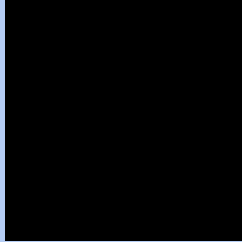
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

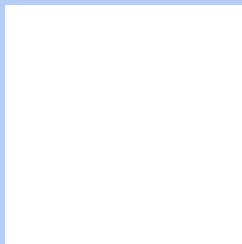
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2165, 60.0181, 94.1570

Background



This preview shows how black text looks on a background with the XYZ color 57.2165, 60.0181, 94.1570.



This preview shows how white text looks on a background with the XYZ color 57.2165, 60.0181,

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

57.2165, 60.0181, 94.1570

Protanopia

59.4193, 59.7862, 92.4126

Deuteranopia

61.2620, 59.9960, 94.7377



Tritanopia

54.2779, 59.8951, 79.9343

Trichromacy



Original Color

57.2165, 60.0181, 94.1570

Protanomaly

58.5334, 59.6593, 93.2244

Deuteranomaly

59.6162, 59.8352, 94.7934

Tritanomaly

55.2384, 59.9168, 84.9977

Monochromacy



Original Color

57.2165, 60.0181, 94.1570

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.1285, 59.1910, 74.1124

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2165, 60.0181, 94.1570 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, 205, 244)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 244)  
}
```

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, 205, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 244) }
```

Border

The CSS property to change the border of an element to XYZ 57.2165, 60.0181, 94.1570 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, 205, 244) }
```


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

```
.border{ border-color:rgb(181, 205, 244) }
```

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

Here you see how a box with a 4 pixel rgb(181, 205, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 244);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2165, 60.0181, 94.1570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 244) }
```

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

```
.background{ background-color: rgb(181,  
205, 244) }
```

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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