

Converting Colors

XYZ(56.8096, 59.5235, 92.9794)

Have a look what the booklet for
XYZ(56.8096, 59.5235, 92.9794)
contains.

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Color

**XYZ(56.8266, 59.4806,
93.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CCF3
RGB	181, 204, 243
RGB Percent	71%, 80%, 95%
CMY	0.2902, 0.2000, 0.0471
CMYK	0.26, 0.16, 0.00, 0.05
HSL	218°, 72%, 83%
HSV	218°, 26%, 95%
XYZ	56.8266, 59.4806, 93.2798
YIQ	201.5690, -26.2270, 7.2530

Conversions

Conversions Part 2

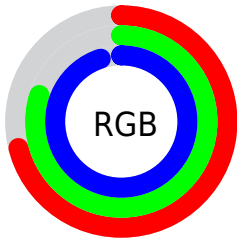
Format	Color
R _Y B	181, 198, 243
Decimal	11914483
CIE Lab	81.56, 0.72, -21.75
CIE LCh	82, 21.764, 271.903
Yxy	59.4806, 0.2711, 0.2838
Android (android.graphics.Color)	4290104563 (0xFFB5CCF3)
YUV	201.5690, 20.4255, -18.0390
Hunter-Lab	77.1237, -3.4433, -17.7237

Details

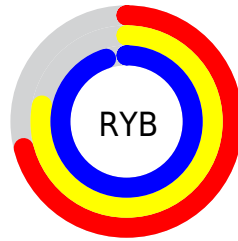
The XYZ color **56.8266, 59.4806, 93.2798** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **70.8966, 73.5776, 54.1829**, and the grayscale version is **55.7608, 58.6647, 63.8859**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **28.6284, 29.9126, 51.2785** is the 20% darker color. If you saturate the color by 10%, you get **48.1619, 49.8840, 91.8851**, and if you desaturate by 10%, it is **66.8454, 70.3074, 94.8425**.

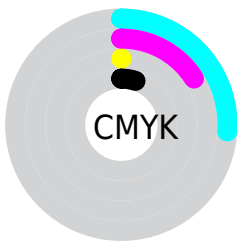
Distribution



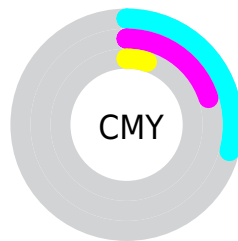
- Red (71%)
- Green (80%)
- Blue (95%)



- Red (71%)
- Yellow (78%)
- Blue (95%)



- Cyan (26%)
- Magenta (16%)
- Yellow (0%)
- Black (5%)



- Cyan (29%)
- Magenta (20%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.8266, 59.4806, 93.2798 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 56.8266, 59.4806, 93.2798 by changing the saturation by 10% instead.

■ 56.8266, 59.4806,
93.2798

■ 56.8266, 59.4806,
93.2798

402.8239,
422.6806, 559.4862

■ 41.1056, 43.0001,
70.1151

■ 99.3450, 104.0758,
153.8610

■ 28.5897, 29.8852,
51.1430

126.8730,
132.9594, 192.1146

■ 18.9134, 19.7515,
35.9449

159.0676,
166.7461, 236.2349

■ 11.7113, 12.2145,
24.1023

196.2939,
205.8203, 286.6405

■ 6.6182, 6.8899,
15.1966

238.9173,
250.5665, 343.7499

■ 3.2687, 3.3934,
8.8093

287.3032,

■ 1.2974, 1.3404,

301.3690, 407.9816

4.5219

341.8170,
358.6123, 479.7542

■ 0.1813, 0.1722,
1.9158

■ 0.0000, 0.0000,
0.5028

■ 56.8266, 59.4806,
93.2798

■ 56.8266, 59.4806,
93.2798

■ 48.1619, 49.8840,
91.8851

■ 66.8454, 70.3074,
94.8425

■ 40.7837, 41.4633,
90.6487

■ 78.2702, 82.4015,
96.5748

■ 34.6271, 34.1706,
89.5655

■ 91.1572, 95.8071,
98.4831

■ 29.6185, 27.9512,
88.6290

■ 93.1778, 99.2511,
99.0414

■ 25.6759, 22.7454,
87.8320

■ 22.7047, 18.4856,
87.1664

■ 20.5902, 15.0929,
86.6230

■ 19.8469, 13.8093,
86.4144

Harmonies

Analogous

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



52.5003, 59.4806, 89.5694



56.8266, 59.4806, 93.2798



61.3017, 59.4806, 88.5368

Triad

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



56.8266, 59.4806, 93.2798



64.3189, 59.4806, 52.3659



49.1390, 59.4806, 53.6312

Complementary

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



56.8266, 59.4806, 93.2798



70.8966, 73.5776, 54.1829

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.



52.0211, 59.4806, 45.6805



56.8266, 59.4806, 93.2798



60.7703, 59.4806, 45.0220

Square

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



56.8266, 59.4806, 93.2798



65.7695, 59.4806, 63.9328



56.2435, 59.4806, 42.7474



48.2072, 59.4806, 65.6029

Rectangle

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



56.8266, 59.4806, 93.2798



63.7279, 59.4806, 81.5466



56.2435, 59.4806, 42.7474



49.9039, 59.4806, 50.4585

Sweetspot

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



56.8285, 59.4830, 93.2812



83.9813, 88.4187, 107.2480



63.9249, 79.0529, 79.0698



17.5550, 18.4815, 22.8920



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.



56.8285, 59.4830, 93.2812



57.8409, 60.2398, 103.1866



53.4996, 50.2415, 91.6728



16.0847, 16.9337, 20.9633



11.0108, 7.8153, 47.4662



1.0627, 0.8768, 4.2035

Inverse Universe

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



64.3866, 56.4637, 64.6344



67.8085, 56.7123, 65.3060



74.9069, 85.2314, 56.2210



16.7533, 16.5842, 18.4477



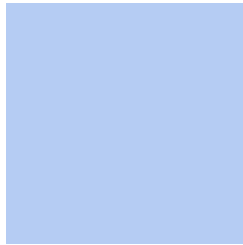
21.3622, 10.8883, 6.6159



1.9255, 0.9761, 0.8339

Previews

White Background



This preview shows how the XYZ color 56.8266, 59.4806, 93.2798 looks on a white background.

Color Contrast Check

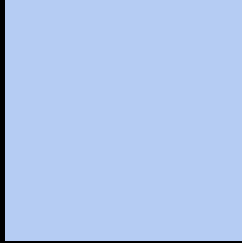
Large Text (above 18pt) WCAG AA × Fail

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 56.8266, 59.4806, 93.2798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

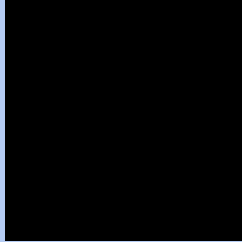
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

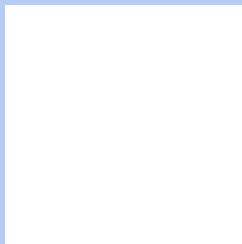
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 56.8266, 59.4806, 93.2798

Background



This preview shows how black text looks on a background with the XYZ color 56.8266, 59.4806, 93.2798.



This preview shows how white text looks on a background with the XYZ color 56.8266, 59.4806,

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

56.8266, 59.4806, 93.2798

Protanopia

59.0120, 59.5935, 91.6115

Deuteranopia

60.6106, 59.3373, 93.8467



Tritanopia

53.8988, 59.3546, 79.1368

Trichromacy



Original Color

56.8266, 59.4806, 93.2798

Protanomaly

58.1338, 59.4707, 92.4194

Deuteranomaly

59.2315, 59.3095, 93.9140

Tritanomaly

54.8552, 59.3771, 84.1711

Monochromacy



Original Color

56.8266, 59.4806, 93.2798

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 56.8266, 59.4806, 93.2798 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, 204, 243)` looks like.

```
.text, #text, p{  
    color:rgb(181, 204, 243)  
}
```

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, 204, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 204, 243) }
```

Border

The CSS property to change the border of an element to XYZ 56.8266, 59.4806, 93.2798 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, 204, 243) }
```


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

```
.border{ border-color:rgb(181, 204, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 204, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 204, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 204, 243);  
box-shadow:4px 4px 4px 4px rgb(181, 204,  
243) }
```

Background

The CSS property to change the background color of an element to XYZ 56.8266, 59.4806, 93.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 204, 243) }
```

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

```
.background{ background-color: rgb(181,  
204, 243) }
```

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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