

Converting Colors

XYZ(56.3049, 58.9242, 94.4296)

Have a look what the booklet for
XYZ(56.3049, 58.9242, 94.4296)
contains.

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Color

**XYZ(56.4278, 58.8881,
94.7787)**

Conversions

Conversions Part 1

Format	Color
Hex	B3CBF5
RGB	179, 203, 245
RGB Percent	70%, 80%, 96%
CMY	0.2980, 0.2039, 0.0392
CMYK	0.27, 0.17, 0.00, 0.04
HSL	218°, 77%, 83%
HSV	218°, 27%, 96%
XYZ	56.4278, 58.8881, 94.7787
YIQ	200.6120, -27.7860, 7.9740

Conversions

Conversions Part 2

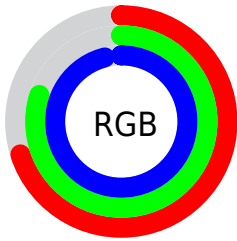
Format	Color
R _Y B	179, 197, 245
Decimal	11783157
CIE Lab	81.23, 1.14, -23.32
CIE LCh	81, 23.352, 272.789
Yxy	58.8881, 0.2686, 0.2803
Android (android.graphics.Color)	4289973237 (0xFFB3CBF5)
YUV	200.6120, 21.8833, -18.9537
Hunter-Lab	76.7386, -3.0370, -19.5112

Details

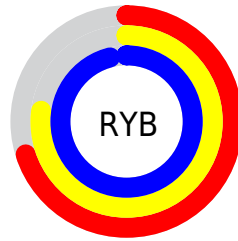
The XYZ color **56.4278, 58.8881, 94.7787** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **71.6503, 74.3809, 53.2302**, and the grayscale version is **55.1601, 58.0327, 63.1976**.

A 20% lighter version of the original color is **88.4021, 96.5729, 108.5889**, and **28.3902, 29.5290, 52.3475** is the 20% darker color. If you saturate the color by 10%, you get **47.7622, 49.2284, 93.3719**, and if you desaturate by 10%, it is **66.4734, 69.8116, 96.3587**.

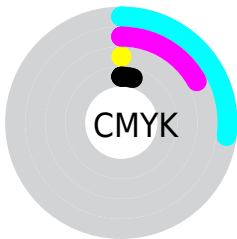
Distribution



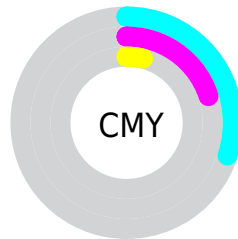
- Red (70%)
- Green (80%)
- Blue (96%)



- Red (70%)
- Yellow (77%)
- Blue (96%)



- Cyan (27%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (30%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 56.4278, 58.8881, 94.7787 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 56.4278, 58.8881, 94.7787 by changing the saturation by 10% instead.

■ 56.4278, 58.8881,
94.7787

■ 56.4278, 58.8881,
94.7787

401.3507,
420.4871, 564.4225

■ 40.7844, 42.5230,
71.3549

■ 98.7660, 103.2150,
155.9518

■ 28.3376, 29.5111,
52.1483

126.1914,
131.9457, 194.5382

■ 18.7220, 19.4678,
36.7402

158.2749,
165.5670, 239.0159

■ 11.5724, 12.0088,
24.7122

195.3818,
204.4633, 289.8034

■ 6.5233, 6.7496,
15.6457

237.8775,
249.0191, 347.3192

■ 3.2095, 3.3060,
9.1222

286.1273,

■ 1.2655, 1.2935,

299.6187, 411.9820

4.7231

340.4966,
356.6466, 484.2103

■ 0.1572, 0.1362,
2.0298

■ 0.0000, 0.0000,
0.5735

■ 56.4278, 58.8881,
94.7787

■ 56.4278, 58.8881,
94.7787

■ 47.7622, 49.2284,
93.3719

■ 66.4734, 69.8116,
96.3587

■ 40.4068, 40.7764,
92.1282

■ 77.9532, 82.0382,
98.1136

■ 34.2941, 33.4814,
91.0423

■ 90.9251, 95.6140,
100.0503

■ 29.3473, 27.2864,
90.1072

■ 93.4816, 99.3727,
100.6411

■ 25.4809, 22.1282,
89.3154

■ 22.5953, 17.9356,
88.6582

■ 20.5667, 14.6234,
88.1258

■ 20.0620, 13.7534,
87.9845

Harmonies

Analogous

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



51.8012, 58.8881, 91.0225



56.4278, 58.8881, 94.7787



61.1925, 58.8881, 89.3858

Triad

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



56.4278, 58.8881, 94.7787



64.2109, 58.8881, 50.6756



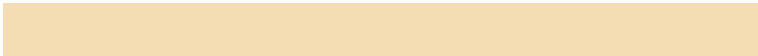
48.0563, 58.8881, 52.6304

Complementary

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



56.4278, 58.8881, 94.7787



71.6503, 74.3809, 53.2302

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.



51.0560, 58.8881, 44.1282



56.4278, 58.8881, 94.7787



60.3596, 58.8881, 43.1198

Square

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



56.4278, 58.8881, 94.7787



65.8460, 58.8881, 62.8243



55.5174, 58.8881, 40.9068



47.1369, 58.8881, 65.4316

Rectangle

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



56.4278, 58.8881, 94.7787



63.7582, 58.8881, 81.7270



55.5174, 58.8881, 40.9068



48.8459, 58.8881, 49.2414

Sweetspot

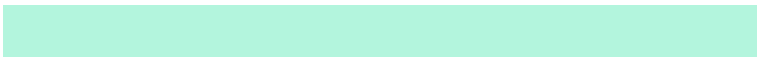
The Sweet Spot groups the original color and five complimentary colors.



56.4297, 58.8904, 94.7801



83.9367, 88.3295, 107.2331



64.2688, 80.0996, 80.3419



17.5438, 18.4592, 22.8883



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.



56.4297, 58.8904, 94.7801



56.7456, 58.8969, 102.9852



53.2930, 49.5006, 93.1329



16.0745, 16.9133, 20.9599



10.9276, 7.6489, 47.4385



1.0546, 0.8606, 4.2008

Inverse Universe

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



64.5574, 55.9662, 63.9023



67.0487, 55.6161, 63.7474



75.4489, 86.4278, 55.3553



16.7482, 16.5821, 18.4205



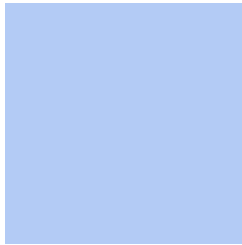
21.3202, 10.8715, 6.3948



1.9214, 0.9745, 0.8124

Previews

White Background



This preview shows how the XYZ color 56.4278, 58.8881, 94.7787 looks on a white background.

Color Contrast Check

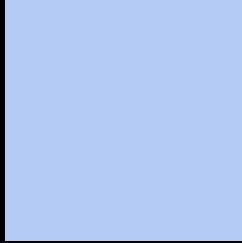
Large Text (above 18pt) WCAG AA × Fail

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 56.4278, 58.8881, 94.7787 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

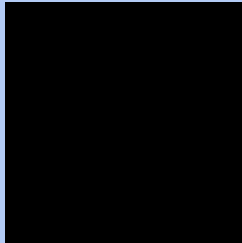
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 56.4278, 58.8881, 94.7787

Background



This preview shows how black text looks on a background with the XYZ color 56.4278, 58.8881, 94.7787.



This preview shows how white text looks on a background with the XYZ color 56.4278, 58.8881,

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

56.4278, 58.8881, 94.7787

Protanopia

58.5702, 58.9861, 93.0925

Deuteranopia

59.8895, 58.5921, 95.3417



Tritanopia

53.0877, 58.9520, 78.3929

Trichromacy



Original Color

56.4278, 58.8881, 94.7787

Protanomaly

57.7093, 58.8697, 93.9093

Deuteranomaly

58.5438, 58.5770, 95.4097

Tritanomaly

54.3996, 59.1422, 84.1497

Monochromacy



Original Color

56.4278, 58.8881, 94.7787

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.6372, 58.5883, 74.0219

CSS Examples

Text

The CSS property to change the color of the text to XYZ 56.4278, 58.8881, 94.7787 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(179, 203, 245)` looks like.

```
.text, #text, p{  
    color:rgb(179, 203, 245)  
}
```

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(179, 203, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 203, 245) }
```

Border

The CSS property to change the border of an element to XYZ 56.4278, 58.8881, 94.7787 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(179, 203, 245) }
```


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

```
.border{ border-color:rgb(179, 203, 245) }
```

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

Here you see how a box with a 4 pixel rgb(179, 203, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 203, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 203, 245);  
box-shadow:4px 4px 4px 4px rgb(179, 203,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 56.4278, 58.8881, 94.7787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 203, 245) }
```

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

```
.background{ background-color: rgb(179,  
203, 245) }
```

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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