

Converting Colors

XYZ(54.8597, 56.8213, 80.0287)

Have a look what the booklet for
XYZ(54.8597, 56.8213, 80.0287)
contains.

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Color

**XYZ(54.6606, 56.5705,
79.9898)**

Conversions

Conversions Part 1

Format	Color
Hex	BCC6E2
RGB	188, 198, 226
RGB Percent	74%, 78%, 89%
CMY	0.2627, 0.2235, 0.1137
CMYK	0.17, 0.12, 0.00, 0.11
HSL	224°, 40%, 81%
HSV	224°, 17%, 89%
XYZ	54.6606, 56.5705, 79.9898
YIQ	198.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

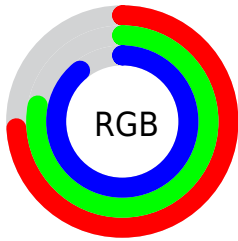
Format	Color
R_{YB}	188, 196, 226
Decimal	12371682
CIE _{Lab}	79.94, 2.27, -15.05
CIE _{LCh}	80, 15.225, 278.591
Yxy	56.5705, 0.2859, 0.2958
Android (android.graphics.Color)	4290561762 (0xFFBCC6E2)
YUV	198.2020, 13.7044, -8.9472
Hunter-Lab	75.2134, -1.9002, -10.4059

Details

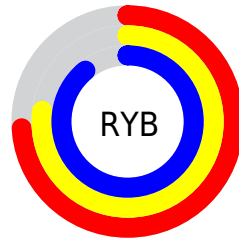
The XYZ color **54.6606, 56.5705, 79.9898** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.9975, 68.9113, 57.4538**, and the grayscale version is **53.7265, 56.5244, 61.5551**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **27.1555, 27.9551, 42.4927** is the 20% darker color. If you saturate the color by 10%, you get **45.9242, 46.7250, 78.5508**, and if you desaturate by 10%, it is **64.6907, 67.7070, 81.6116**.

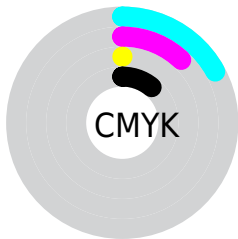
Distribution



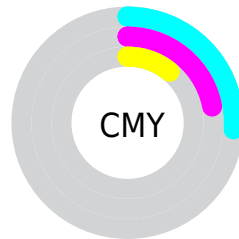
- Red (74%)
- Green (78%)
- Blue (89%)



- Red (74%)
- Yellow (77%)
- Blue (89%)



- Cyan (17%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (26%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6606, 56.5705, 79.9898 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 54.6606, 56.5705, 79.9898 by changing the saturation by 10% instead.

■ 54.6606, 56.5705,
79.9898

■ 54.6606, 56.5705,
79.9898

394.7815,
411.8380, 514.6043

■ 39.3628, 40.6605,
59.1838

■ 96.1947, 99.8382,
135.1627

■ 27.2241, 28.0539,
42.3401

123.1618,
127.9647, 170.3666

■ 17.8790, 18.3663,
29.0402

154.7493,
160.9322, 211.2070

■ 10.9623, 11.2133,
18.8654

191.3227,
199.1251, 258.1024

■ 6.1086, 6.2105,
11.3972

233.2472,
242.9277, 311.4713

■ 2.9525, 2.9735,
6.2172

280.8883,

■ 1.1287, 1.1179,

292.7244, 371.7322

2.9067

334.6113,
348.8997, 439.3037

■ 0.0489, 0.0000,
1.0472

■ 0.0000, 0.0000,
0.0000

■ 54.6606, 56.5705,
79.9898

■ 54.6606, 56.5705,
79.9898

■ 45.9242, 46.7250,
78.5508

■ 64.6907, 67.7070,
81.6116

■ 38.4224, 38.1157,
77.2844

■ 76.0601, 80.1727,
83.4185

■ 32.0992, 30.6941,
76.1852

■ 88.5223, 93.8604,
85.4037

■ 26.8917, 24.4055,
75.2458

■ 90.7276, 98.2711,
86.1388

■ 22.7314, 19.1908,
74.4586

■ 19.5412, 14.9851,
73.8149

■ 17.2328, 11.7152,
73.3054

■ 15.6962, 9.2944,
72.9191

■ 15.3168, 8.6693,
72.8185

Harmonies

Analogous

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



51.6298, 56.5705, 78.8258



54.6606, 56.5705, 79.9898



57.5586, 56.5705, 75.8687

Triad

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



54.6606, 56.5705, 79.9898



58.5452, 56.5705, 51.5841



48.4270, 56.5705, 55.5936

Complementary

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



54.6606, 56.5705, 79.9898



64.9975, 68.9113, 57.4538

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.



50.1486, 56.5705, 49.2353



54.6606, 56.5705, 79.9898



55.9656, 56.5705, 47.0793

Square

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



54.6606, 56.5705, 79.9898



59.8570, 56.5705, 59.0897



52.8863, 56.5705, 46.2625



48.1077, 56.5705, 64.1715

Rectangle

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



54.6606, 56.5705, 79.9898



58.9980, 56.5705, 70.8912



52.8863, 56.5705, 46.2625



48.8576, 56.5705, 53.1504

Sweetspot

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



54.6623, 56.5728, 79.9911



87.5899, 91.8136, 107.7131



60.3140, 70.0361, 75.2159



18.5312, 19.4133, 23.0204



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.



54.6623, 56.5728, 79.9911



67.8741, 69.9019, 104.5228



54.7030, 53.3111, 79.3594



13.2440, 13.8271, 17.3585



8.8208, 5.1111, 41.5700



0.6836, 0.4987, 2.9055

Inverse Universe

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



59.5417, 56.2138, 61.1408



75.4125, 69.4776, 75.3710



64.9294, 72.7967, 58.2073



13.8546, 13.7595, 15.0046



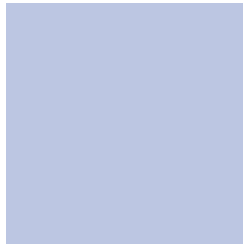
18.3925, 9.4240, 3.4668



1.3113, 0.6678, 0.4322

Previews

White Background



This preview shows how the XYZ color 54.6606, 56.5705, 79.9898 looks on a white background.

Color Contrast Check

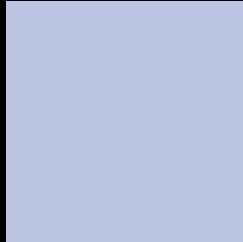
Large Text (above 18pt) WCAG AA × Fail

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 54.6606, 56.5705, 79.9898 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

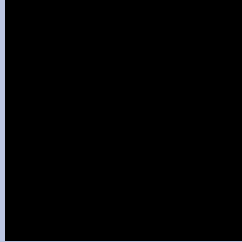
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6606, 56.5705, 79.9898

Background



This preview shows how black text looks on a background with the XYZ color 54.6606, 56.5705, 79.9898.



This preview shows how white text looks on a background with the XYZ color 54.6606, 56.5705,

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

54.6606, 56.5705, 79.9898

Protanopia

55.3229, 56.2536, 79.1764

Deuteranopia

57.5637, 56.3825, 80.5220



Tritanopia

53.2986, 56.7055, 73.1019

Trichromacy



Original Color

54.6606, 56.5705, 79.9898

Protanomaly

55.0427, 56.4451, 79.2281

Deuteranomaly

56.6689, 56.5820, 80.6077

Tritanomaly

53.8352, 56.5790, 75.7936

Monochromacy



Original Color

54.6606, 56.5705, 79.9898

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.8274, 56.4116, 67.7260

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6606, 56.5705, 79.9898 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(188, 198, 226)` looks like.

```
.text, #text, p{  
    color:rgb(188, 198, 226)  
}
```

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(188, 198, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 198, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.6606, 56.5705, 79.9898 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(188, 198, 226) }
```


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

```
.border{ border-color:rgb(188, 198, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 198, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 198, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 198, 226);  
box-shadow:4px 4px 4px 4px rgb(188, 198,  
226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6606, 56.5705, 79.9898 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 198, 226) }
```

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

```
.background{ background-color: rgb(188,  
198, 226) }
```

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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