

Converting Colors

XYZ(54.3913, 56.6975, 79.8112)

Have a look what the booklet for
XYZ(54.3913, 56.6975, 79.8112)
contains.

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Color

**XYZ(54.4006, 56.7769,
80.0433)**

Conversions

Conversions Part 1

Format	Color
Hex	BAC7E2
RGB	186, 199, 226
RGB Percent	73%, 78%, 89%
CMY	0.2706, 0.2196, 0.1137
CMYK	0.18, 0.12, 0.00, 0.11
HSL	220°, 41%, 81%
HSV	220°, 18%, 89%
XYZ	54.4006, 56.7769, 80.0433
YIQ	198.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

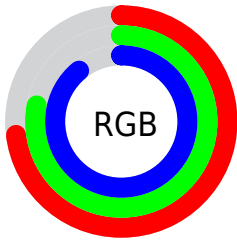
Format	Color
R _Y B	186, 196, 226
Decimal	12240866
CIE Lab	80.05, 1.11, -14.89
CIE LCh	80, 14.934, 274.269
Yxy	56.7769, 0.2845, 0.2969
Android (android.graphics.Color)	4290430946 (0xFFBAC7E2)
YUV	198.1910, 13.7098, -10.6915
Hunter-Lab	75.3504, -2.9920, -10.2373

Details

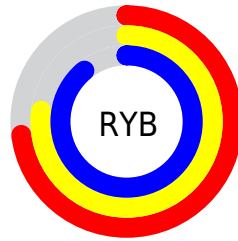
The XYZ color **54.4006, 56.7769, 80.0433** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **64.0217, 67.3025, 56.0721**, and the grayscale version is **53.7204, 56.5180, 61.5481**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **26.9918, 28.0966, 42.5286** is the 20% darker color. If you saturate the color by 10%, you get **46.0031, 47.4974, 78.6957**, and if you desaturate by 10%, it is **64.0218, 67.2123, 81.5514**.

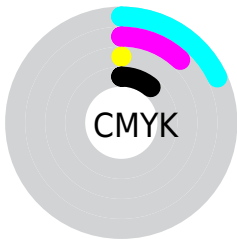
Distribution



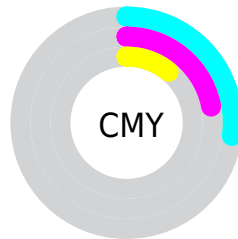
- Red (73%)
- Green (78%)
- Blue (89%)



- Red (73%)
- Yellow (77%)
- Blue (89%)



- Cyan (18%)
- Magenta (12%)
- Yellow (0%)
- Black (11%)



- Cyan (27%)
- Magenta (22%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.4006, 56.7769, 80.0433 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 54.4006, 56.7769, 80.0433 by changing the saturation by 10% instead.

■ 54.4006, 56.7769,
80.0433

■ 54.4006, 56.7769,
80.0433

393.8093,
412.6128, 514.7894

■ 39.1540, 40.8261,
59.2276

■ 95.8156, 100.1396,
135.2386

■ 27.0608, 28.1833,
42.3752

122.7148,
128.3203, 170.4552

■ 17.7557, 18.4639,
29.0674

154.2287,
161.3465, 211.3092

■ 10.8734, 11.2835,
18.8858

190.7230,
199.6025, 258.2192

■ 6.0484, 6.2579,
11.4118

232.5628,
243.4727, 311.6037

■ 2.9155, 3.0025,
6.2269

280.1135,

■ 1.1092, 1.1330,

293.3416, 371.8812

2.9125

333.7406,
349.5935, 439.4702

■ 0.0328, 0.0060,
1.0501

■ 0.0000, 0.0000,
0.0000

■ 54.4006, 56.7769,
80.0433

■ 54.4006, 56.7769,
80.0433

■ 46.0031, 47.4974,
78.6957

■ 64.0218, 67.2123,
81.5514

■ 38.7730, 39.3253,
77.4994

■ 74.9093, 78.8361,
83.2211

■ 32.6573, 32.2187,
76.4500

■ 87.1102, 91.6879,
85.0587

■ 27.5966, 26.1300,
75.5415

■ 90.7276, 98.2711,
86.1388

■ 23.5255, 21.0078,
74.7674

■ 20.3709, 16.7953,
74.1206

■ 18.0479, 13.4288,
73.5932

■ 16.4447, 10.8286,
73.1758

■ 16.1407, 10.3171,
73.0931

Harmonies

Analogous

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



51.4689, 56.7769, 78.1436



54.4006, 56.7769, 80.0433



57.3202, 56.7769, 76.6972

Triad

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



54.4006, 56.7769, 80.0433



58.9360, 56.7769, 52.8733



48.8732, 56.7769, 54.8400

Complementary

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



54.4006, 56.7769, 80.0433



64.0217, 67.3025, 56.0721

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.



50.7429, 56.7769, 49.0036



54.4006, 56.7769, 80.0433



56.5400, 56.7769, 47.9450

Square

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



54.4006, 56.7769, 80.0433



60.0002, 56.7769, 60.5838



53.5312, 56.7769, 46.5971



48.3482, 56.7769, 63.0737

Rectangle

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



54.4006, 56.7769, 80.0433



58.8454, 56.7769, 72.1106



53.5312, 56.7769, 46.5971



49.3617, 56.7769, 52.5589

Sweetspot

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



54.4023, 56.7792, 80.0446



87.8297, 92.2932, 107.7930



59.4152, 69.6201, 73.0368



18.5893, 19.5296, 23.0398



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.



54.4023, 56.7792, 80.0446



67.5527, 70.2882, 104.6143



53.1951, 51.9039, 79.1672



13.3140, 13.9672, 17.3819



9.3042, 6.0780, 41.7311



0.7244, 0.5803, 2.9191

Inverse Universe

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



59.2331, 55.4115, 61.6089



74.9990, 68.3503, 76.1589



65.3741, 73.0507, 57.1104



13.8900, 13.7736, 15.1908



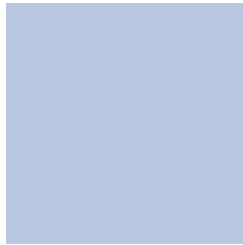
18.6365, 9.5216, 4.7518



1.3319, 0.6760, 0.5407

Previews

White Background



This preview shows how the XYZ color 54.4006, 56.7769, 80.0433 looks on a white background.

Color Contrast Check

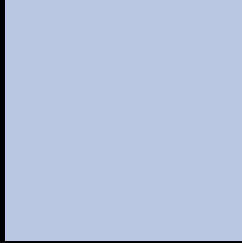
Large Text (above 18pt) WCAG AA × Fail

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 54.4006, 56.7769, 80.0433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

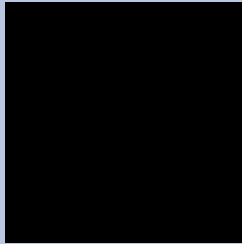
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.4006, 56.7769, 80.0433

Background



This preview shows how black text looks on a background with the XYZ color 54.4006, 56.7769, 80.0433.



This preview shows how white text looks on a background with the XYZ color 54.4006, 56.7769,

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

54.4006, 56.7769, 80.0433

Protanopia

55.8050, 56.8381, 79.2638

Deuteranopia

57.8369, 56.5233, 80.5348



Tritanopia

53.1782, 56.9734, 73.8398

Trichromacy



Original Color

54.4006, 56.7769, 80.0433

Protanomaly

55.2705, 56.9008, 79.3040

Deuteranomaly

56.4062, 56.4466, 80.5954

Tritanomaly

53.5801, 56.7901, 75.8478

Monochromacy



Original Color

54.4006, 56.7769, 80.0433

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 54.4006, 56.7769, 80.0433 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(186, 199, 226)` looks like.

```
.text, #text, p{  
    color:rgb(186, 199, 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(186, 199, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 199, 226) }
```

Border

The CSS property to change the border of an element to XYZ 54.4006, 56.7769, 80.0433 is called "border". The border property can be set on classes, ids or directly on the HTML element.

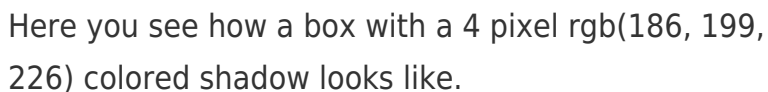
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 199, 226) }
```


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

```
.border{ border-color:rgb(186, 199, 226) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 199, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 199, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 199, 226); box-shadow:4px 4px 4px 4px rgb(186, 199, 226) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4006, 56.7769, 80.0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 199, 226) }
```

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

```
.background{ background-color: rgb(186,  
199, 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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