

Converting Colors

XYZ(51.7995, 56.6813, 67.8239)

Have a look what the booklet for
XYZ(51.7995, 56.6813, 67.8239)
contains.

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Color

**XYZ(51.7971, 56.7402,
67.8965)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CAD0
RGB	182, 202, 208
RGB Percent	71%, 79%, 82%
CMY	0.2863, 0.2078, 0.1843
CMYK	0.12, 0.03, 0.00, 0.18
HSL	194°, 22%, 76%
HSV	194°, 12%, 82%
XYZ	51.7971, 56.7402, 67.8965
YIQ	196.7040, -13.8460, -2.3740

Conversions

Conversions Part 2

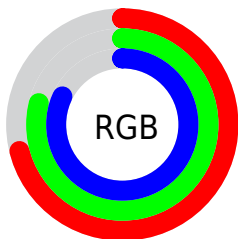
Format	Color
RYB	182, 193, 208
Decimal	11979472
CIELab	80.03, -5.53, -5.29
CIElCh	80, 7.655, 223.743
Yxy	56.7402, 0.2936, 0.3216
Android (android.graphics.Color)	4290169552 (0xFFB6CAD0)
YUV	196.7040, 5.5689, -12.8954
Hunter-Lab	75.3261, -9.0772, -0.7138

Details

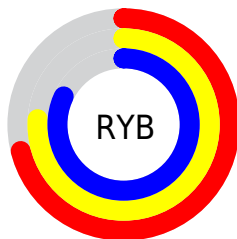
The XYZ color **51.7971, 56.7402, 67.8965** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.4395, 52.7536, 51.6756**, and the grayscale version is **52.8673, 55.6205, 60.5707**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **25.4759, 28.1800, 34.6684** is the 20% darker color. If you saturate the color by 10%, you get **46.1372, 52.1786, 67.3152**, and if you desaturate by 10%, it is **58.2250, 61.7527, 68.5261**.

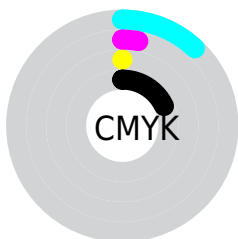
Distribution



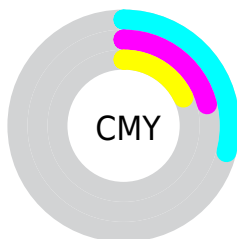
- Red (71%)
- Green (79%)
- Blue (82%)



- Red (71%)
- Yellow (76%)
- Blue (82%)



- Cyan (12%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (21%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7971, 56.7402, 67.8965 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 51.7971, 56.7402, 67.8965 by changing the saturation by 10% instead.

■ 51.7971, 56.7402,
67.8965

■ 51.7971, 56.7402,
67.8965

383.9896,
412.4751, 471.7173

■ 37.0670, 40.7967,
49.3474

■ 92.0079, 100.0860,
117.8569

■ 25.4333, 28.1603,
34.5276

118.2194,
128.2571, 150.1052

■ 16.5306, 18.4465,
23.0186

148.9886,
161.2728, 187.7570

■ 9.9936, 11.2710,
14.4018

184.6811,
199.5176, 231.2309

■ 5.4570, 6.2494,
8.2587

225.6620,
243.3758, 280.9453

■ 2.5553, 2.9973,
4.1708

272.2969,

■ 0.9232, 1.1303,

293.2319, 337.3188

1.7195

324.9510,
349.4702, 400.7700

■ 0.0000, 0.0037,
0.3740

■ 0.0000, 0.0000,
0.0000

■ 51.7971, 56.7402,
67.8965

■ 51.7971, 56.7402,
67.8965

■ 46.1372, 52.1786,
67.3152

■ 58.2250, 61.7527,
68.5261

■ 41.2079, 48.0436,
66.7769

■ 65.4462, 67.2251,
69.2018

■ 36.9762, 44.3193,
66.2811

■ 73.4912, 73.1750,
69.9262

■ 33.4043, 40.9856,
65.8259

■ 78.5334, 77.6303,
70.5204

■ 30.4508, 38.0209,
65.4093

■ 79.8198, 80.2031,
70.9492

■ 28.0695, 35.4007,
65.0290

■ 81.1428, 82.8490,
71.3902

■ 26.2073, 33.0971,
64.6825

■ 82.5025, 85.5685,
71.8435

■ 24.8002, 31.0767,
64.3667

■ 83.8993, 88.3621,
72.3091

■ 23.9603, 29.7040,
64.1460

■ 85.3335, 91.2305,
72.7871

Harmonies

Analogous

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



51.0755, 56.7402, 63.8386



51.7971, 56.7402, 67.8965



53.0966, 56.7402, 70.3770

Triad

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



51.7971, 56.7402, 67.8965



56.8535, 56.7402, 64.2103



53.2222, 56.7402, 53.8253

Complementary

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



51.7971, 56.7402, 67.8965



52.4395, 52.7536, 51.6756

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.



54.7718, 56.7402, 53.9140



51.7971, 56.7402, 67.8965



56.8887, 56.7402, 59.7670

Square

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



51.7971, 56.7402, 67.8965



56.0251, 56.7402, 68.1799



56.1204, 56.7402, 56.0431



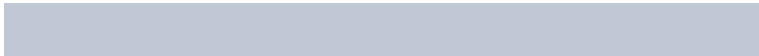
51.8875, 56.7402, 55.7945

Rectangle

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



51.7971, 56.7402, 67.8965



54.1254, 56.7402, 70.7314



56.1204, 56.7402, 56.0431



53.7348, 56.7402, 53.6184

Sweetspot

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



51.7987, 56.7426, 67.8978



90.6505, 96.6246, 108.4804



50.8859, 58.6729, 56.0140



19.2308, 20.5486, 23.2027



0.0000, 0.0000, 0.0000



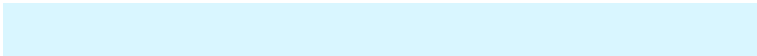
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.7987, 56.7426, 67.8978



79.6007, 87.9529, 107.3889



48.9541, 51.0533, 66.9496



11.9176, 12.9254, 15.1104



15.0095, 18.6656, 40.0042



0.8970, 1.1591, 2.2560

Inverse Universe

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



53.4024, 51.1312, 62.9345



82.6502, 77.4216, 97.9192



55.2582, 58.3908, 52.6151



12.1893, 11.9605, 14.2726



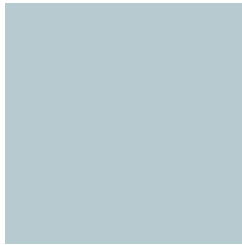
20.2068, 9.9556, 21.7931



1.1590, 0.5683, 1.3720

Previews

White Background



This preview shows how the XYZ color 51.7971, 56.7402, 67.8965 looks on a white background.

Color Contrast Check

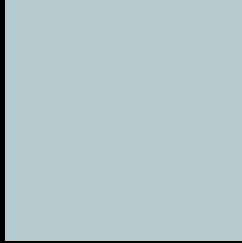
Large Text (above 18pt) WCAG AA × Fail

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 51.7971, 56.7402, 67.8965 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

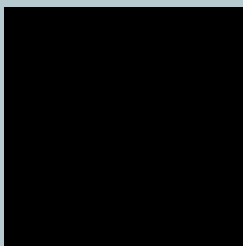
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

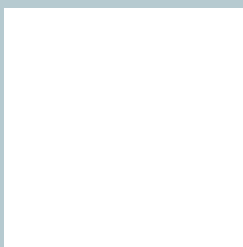
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.7971, 56.7402, 67.8965

Background



This preview shows how black text looks on a background with the XYZ color 51.7971, 56.7402, 67.8965.



This preview shows how white text looks on a background with the XYZ color 51.7971, 56.7402,

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

51.7971, 56.7402, 67.8965

Protanopia

54.8051, 56.6196, 65.7978

Deuteranopia

57.6339, 56.3495, 68.8117



Tritanopia

53.1782, 56.9734, 73.8398

Trichromacy



Original Color

51.7971, 56.7402, 67.8965

Protanomaly

53.5563, 56.6405, 66.5025

Deuteranomaly

55.3359, 56.5008, 68.3108

Tritanomaly

52.5527, 56.6956, 71.7919

Monochromacy



Original Color

51.7971, 56.7402, 67.8965

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.7043, 56.2704, 63.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7971, 56.7402, 67.8965 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(182, 202, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 202, 208)  
}
```

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(182, 202, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 202, 208) }
```

Border

The CSS property to change the border of an element to XYZ 51.7971, 56.7402, 67.8965 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(182, 202, 208) }
```


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

```
.border{ border-color:rgb(182, 202, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 202, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 202, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 202, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 202,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7971, 56.7402, 67.8965 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 202, 208) }
```

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

```
.background{ background-color: rgb(182,  
202, 208) }
```

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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