

Converting Colors

XYZ(50.3491, 53.8263, 67.6287)

Have a look what the booklet for
XYZ(50.3491, 53.8263, 67.6287)
contains.

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Color

**XYZ(50.4165, 53.9790,
67.4363)**

Conversions

Conversions Part 1

Format	Color
Hex	B6C4D0
RGB	182, 196, 208
RGB Percent	71%, 77%, 82%
CMY	0.2863, 0.2314, 0.1843
CMYK	0.12, 0.06, 0.00, 0.18
HSL	208°, 22%, 76%
HSV	208°, 12%, 82%
XYZ	50.4165, 53.9790, 67.4363
YIQ	193.1820, -12.1960, 0.7640

Conversions

Conversions Part 2

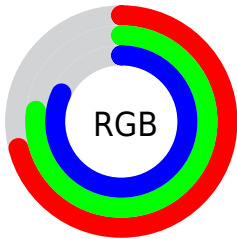
Format	Color
R _Y B	182, 191, 208
Decimal	11977936
CIE Lab	78.45, -2.36, -7.64
CIE LCh	78, 7.994, 252.793
Yxy	53.9790, 0.2934, 0.3141
Android (android.graphics.Color)	4290168016 (0xFFB6C4D0)
YUV	193.1820, 7.3053, -9.8066
Hunter-Lab	73.4704, -6.0838, -2.9912

Details

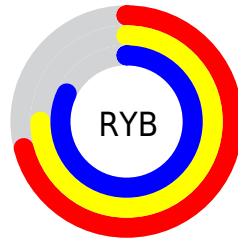
The XYZ color **50.4165, 53.9790, 67.4363** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7480, 55.3707, 52.1118**, and the grayscale version is **50.7604, 53.4039, 58.1568**.

A 20% lighter version of the original color is **88.4352, 95.6477, 108.4086**, and **24.5590, 26.3462, 34.3628** is the 20% darker color. If you saturate the color by 10%, you get **43.7686, 47.4415, 66.5257**, and if you desaturate by 10%, it is **57.9357, 61.1742, 68.4297**.

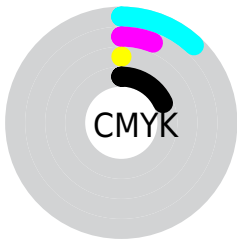
Distribution



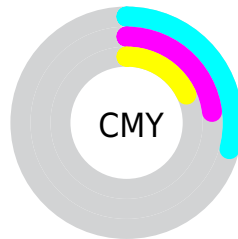
- Red (71%)
- Green (77%)
- Blue (82%)



- Red (71%)
- Yellow (75%)
- Blue (82%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



- Cyan (29%)
- Magenta (23%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4165, 53.9790, 67.4363 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 50.4165, 53.9790, 67.4363 by changing the saturation by 10% instead.

■ 50.4165, 53.9790,
67.4363

■ 50.4165, 53.9790,
67.4363

378.7176,
402.0299, 470.0399

■ 35.9636, 38.5849,
48.9755

■ 89.9798, 96.0434,
117.1919

■ 24.5761, 26.4369,
34.2345

115.8209,
123.4825, 149.3238

■ 15.8885, 17.1508,
22.7950

146.1888,
155.7053, 186.8498

■ 9.5357, 10.3421,
14.2384

181.4489,
193.0963, 230.1884

■ 5.1521, 5.6263,
8.1460

221.9664,
236.0399, 279.7582

■ 2.3724, 2.6192,
4.0994

268.1068,

■ 0.8313, 0.9363,

284.9204, 335.9776

1.6800

320.2354,
340.1223, 399.2654

■ 0.0000, 0.0000,
0.3470

■ 0.0000, 0.0000,
0.0000

■ 50.4165, 53.9790,
67.4363

■ 50.4165, 53.9790,
67.4363

■ 43.7686, 47.4415,
66.5257

■ 57.9357, 61.1742,
68.4297

■ 37.9527, 41.5332,
65.6918

■ 66.3541, 69.0408,
69.5044

■ 32.9332, 36.2334,
64.9334

■ 75.7039, 77.6005,
70.6638

■ 28.6702, 31.5174,
64.2478

■ 82.1610, 84.8854,
71.7296

■ 25.1196, 27.3584,
63.6321

■ 84.9741, 90.5118,
72.6673

■ 22.2326, 23.7268,
63.0833

■ 87.9377, 96.4388,
73.6551

■ 19.9534, 20.5894,
62.5979

■ 88.3853, 97.3341,
73.8044

■ 18.2155, 17.9072,
62.1718

■ 17.1820, 16.1474,
61.8866

Harmonies

Analogous

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



49.1193, 53.9790, 64.8527



50.4165, 53.9790, 67.4363



51.9776, 53.9790, 67.6256

Triad

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



50.4165, 53.9790, 67.4363



54.3096, 53.9790, 56.8780



49.2794, 53.9790, 52.6482

Complementary

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



50.4165, 53.9790, 67.4363



53.7480, 55.3707, 52.1118

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.



50.6391, 53.9790, 50.7305



50.4165, 53.9790, 67.4363



53.5554, 53.9790, 53.0875

Square

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



50.4165, 53.9790, 67.4363



54.2470, 53.9790, 61.3720



52.2047, 53.9790, 50.8871



48.4721, 53.9790, 56.2503

Rectangle

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



50.4165, 53.9790, 67.4363



52.9598, 53.9790, 66.3549



52.2047, 53.9790, 50.8871



49.6858, 53.9790, 51.7936

Sweetspot

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



50.4181, 53.9813, 67.4375



89.9133, 95.1502, 108.2346



51.5522, 58.9394, 59.5228



19.0440, 20.1750, 23.1404



0.0000, 0.0000, 0.0000



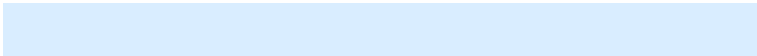
20.3446, 21.4041, 23.3091

Same Dimension

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



50.4181, 53.9813, 67.4375



76.9767, 82.7048, 106.5143



47.6730, 48.4911, 66.5225



11.6835, 12.4572, 15.0324



10.8063, 10.2592, 38.6032



0.6832, 0.7315, 2.1848

Inverse Universe

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



52.7054, 50.8525, 59.2648



81.3257, 76.8918, 90.9445



56.6970, 61.2687, 53.0948



12.0711, 11.9132, 13.6504



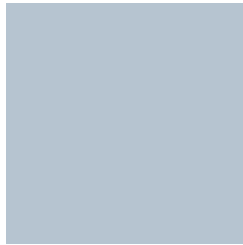
18.0853, 9.1069, 10.6211



1.0511, 0.5251, 0.8037

Previews

White Background



This preview shows how the XYZ color 50.4165, 53.9790, 67.4363 looks on a white background.

Color Contrast Check

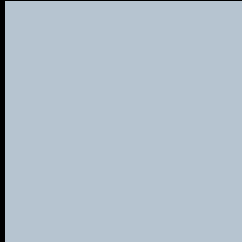
Large Text (above 18pt) WCAG AA × Fail

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 50.4165, 53.9790, 67.4363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

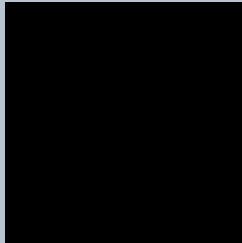
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

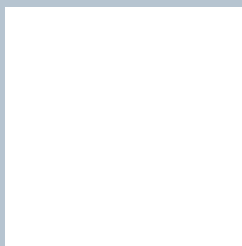
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.4165, 53.9790, 67.4363

Background



This preview shows how black text looks on a background with the XYZ color 50.4165, 53.9790, 67.4363.

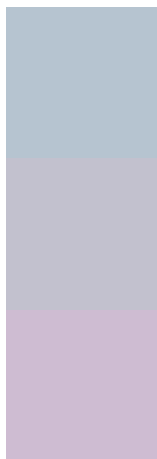


This preview shows how white text looks on a background with the XYZ color 50.4165, 53.9790,

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

50.4165, 53.9790, 67.4363

Protanopia

52.4587, 54.0655, 66.0633

Deuteranopia

55.0697, 53.7414, 68.4434



Tritanopia

51.0262, 54.2503, 69.4100

Trichromacy



Original Color

50.4165, 53.9790, 67.4363

Protanomaly

51.7895, 54.0357, 66.7318

Deuteranomaly

53.1654, 53.7354, 67.8914

Tritanomaly

50.9012, 54.2003, 68.7517

Monochromacy



Original Color

50.4165, 53.9790, 67.4363

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.4711, 53.4796, 61.0886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4165, 53.9790, 67.4363 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, 196, 208)` looks like.

```
.text, #text, p{  
    color:rgb(182, 196, 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, 196, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 196, 208) }
```

Border

The CSS property to change the border of an element to XYZ 50.4165, 53.9790, 67.4363 is called "border". The border property can be set on classes, ids or directly on the HTML element.

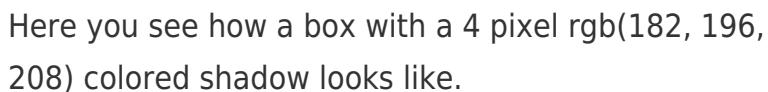
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 196, 208) }
```


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

```
.border{ border-color:rgb(182, 196, 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, 196, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 196, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 196, 208);  
box-shadow:4px 4px 4px 4px rgb(182, 196,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4165, 53.9790, 67.4363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 196, 208) }
```

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

```
.background{ background-color: rgb(182,  
196, 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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