

Converting Colors

XYZ(50.5617, 52.5149, 61.4435)

Have a look what the booklet for
XYZ(50.5617, 52.5149, 61.4435)
contains.

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Color

**XYZ(50.6778, 52.5916,
61.5130)**

Conversions

Conversions Part 1

Format	Color
Hex	C0BFC7
RGB	192, 191, 199
RGB Percent	75%, 75%, 78%
CMY	0.2471, 0.2510, 0.2196
CMYK	0.04, 0.04, 0.00, 0.22
HSL	247°, 7%, 76%
HSV	247°, 4%, 78%
XYZ	50.6778, 52.5916, 61.5130
YIQ	192.2110, -1.9720, 2.7000

Conversions

Conversions Part 2

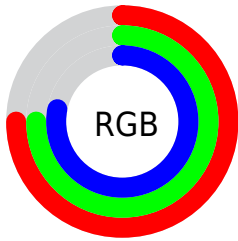
Format	Color
RYB	192, 191, 199
Decimal	12632007
CIELab	77.63, 1.85, -3.90
CIELCh	78, 4.316, 295.402
Yxy	52.5916, 0.3075, 0.3192
Android (android.graphics.Color)	4290822087 (0xFFC0BFC7)
YUV	192.2110, 3.3470, -0.1850
Hunter-Lab	72.5201, -2.1724, 0.4731

Details

The XYZ color **50.6778, 52.5916, 61.5130** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.1181, 56.6156, 57.4212**, and the grayscale version is **50.2093, 52.8241, 57.5255**.

A 20% lighter version of the original color is **90.0222, 93.6980, 107.9486**, and **24.8468, 25.7103, 30.4411** is the 20% darker color. If you saturate the color by 10%, you get **42.4770, 42.3545, 59.9701**, and if you desaturate by 10%, it is **59.9934, 64.2816, 63.2792**.

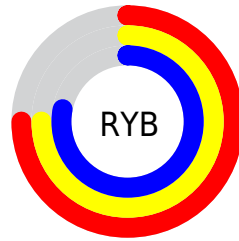
Distribution



Red (75%)

Green (75%)

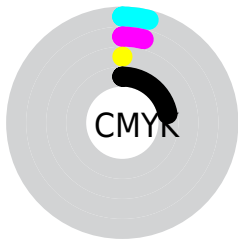
Blue (78%)



Red (75%)

Yellow (75%)

Blue (78%)

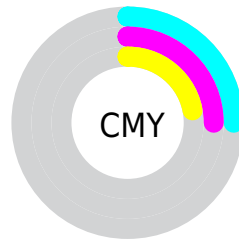


Cyan (4%)

Magenta (4%)

Yellow (0%)

Black (22%)



Cyan (25%)

Magenta (25%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.6778, 52.5916, 61.5130 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 50.6778, 52.5916, 61.5130 by changing the saturation by 10% instead.

■ 50.6778, 52.5916,
61.5130

■ 50.6778, 52.5916,
61.5130

379.7190,
396.7163, 448.1110

■ 36.1723, 37.4768,
44.2061

■ 90.3642, 94.0031,
108.5861

■ 24.7380, 25.5769,
30.4942

116.2757,
121.0687, 139.1894

■ 16.0096, 16.5074,
19.9587

146.7199,
152.8867, 175.0619

■ 9.6219, 9.8839,
12.1813

182.0622,
189.8414, 216.6221

■ 5.2093, 5.3220,
6.7432

222.6679,
232.3174, 264.2885

■ 2.4066, 2.4374,
3.2260

268.9023,

■ 0.8484, 0.8450,

280.6989, 318.4798

1.2112

321.1309,
335.3704, 379.6144

■ 0.0000, 0.0000,
0.0000

■ 50.6778, 52.5916,
61.5130

■ 50.6778, 52.5916,
61.5130

■ 42.4770, 42.3545,
59.9701

■ 59.9934, 64.2816,
63.2792

■ 35.3446, 33.5070,
58.6382

■ 70.4588, 77.4713,
65.2735

■ 29.2379, 25.9910,
57.5094

■ 82.1130, 92.2137,
67.5048

■ 24.1092, 19.7419,
56.5735

■ 87.3090, 96.9036,
68.1362

■ 19.9074, 14.6895,
55.8197

■ 16.5764, 10.7567,
55.2362

■ 14.0540, 7.8576,
54.8095

■ 12.2696, 5.8933,
54.5244

■ 11.1399, 4.7454,
54.3624

Harmonies

Analogous

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



49.8583, 52.5916, 61.9643



50.6778, 52.5916, 61.5130



51.3184, 52.5916, 59.9109

Triad

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



50.6778, 52.5916, 61.5130



50.9029, 52.5916, 53.5654



48.4052, 52.5916, 56.8959

Complementary

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



50.6778, 52.5916, 61.5130



53.1181, 56.6156, 57.4212

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.



48.6783, 52.5916, 54.6949



50.6778, 52.5916, 61.5130



50.1154, 52.5916, 52.8063

Square

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



50.6778, 52.5916, 61.5130



51.4494, 52.5916, 55.3157



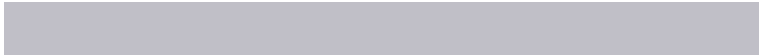
49.3020, 52.5916, 53.2140



48.5521, 52.5916, 59.2561

Rectangle

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



50.6778, 52.5916, 61.5130



51.5547, 52.5916, 58.4287



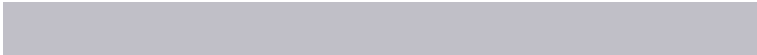
49.3020, 52.5916, 53.2140



48.4509, 52.5916, 56.1135

Sweetspot

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



50.6793, 52.5938, 61.5142



93.4254, 97.9629, 108.5924



52.0057, 55.6200, 62.0283



20.0140, 20.9896, 23.2465



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.



50.6793, 52.5938, 61.5142



87.1290, 90.0775, 107.4022



51.6890, 53.1144, 61.5614



10.8700, 11.2149, 13.5093



6.9242, 2.8038, 34.9206



0.3696, 0.1543, 1.6554

Inverse Universe

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



52.3789, 53.4834, 60.9916



90.8618, 92.0313, 106.2470



52.0943, 56.0878, 57.3733



11.3899, 11.4871, 13.3478



20.0926, 9.7866, 26.7612



0.9678, 0.4699, 1.3534

Previews

White Background



This preview shows how the XYZ color 50.6778, 52.5916, 61.5130 looks on a white background.

Color Contrast Check

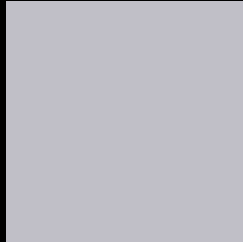
Large Text (above 18pt) WCAG AA × Fail

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 50.6778, 52.5916, 61.5130 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

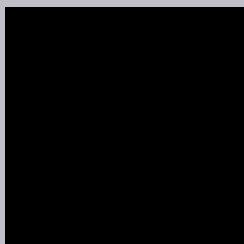
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

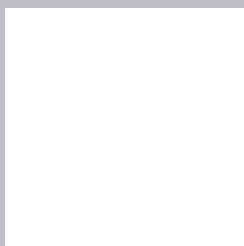
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.6778, 52.5916, 61.5130

Background



This preview shows how black text looks on a background with the XYZ color 50.6778, 52.5916, 61.5130.

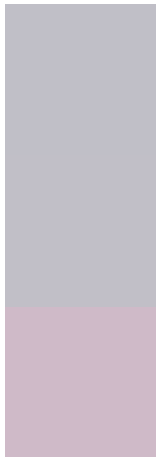


This preview shows how white text looks on a background with the XYZ color 50.6778, 52.5916,

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

50.6778, 52.5916, 61.5130

Protanopia

50.9319, 52.7226, 61.5249

Deuteranopia

53.7164, 52.5533, 61.9562



Tritanopia

51.4252, 52.5721, 65.1946

Trichromacy



Original Color

50.6778, 52.5916, 61.5130

Protanomaly

50.9319, 52.7226, 61.5249

Deuteranomaly

52.7657, 52.6931, 62.0333

Tritanomaly

51.1853, 52.4762, 63.9311

Monochromacy



Original Color

50.6778, 52.5916, 61.5130

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.4382, 52.8459, 59.1717

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.6778, 52.5916, 61.5130 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(192, 191, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 191, 199)  
}
```

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(192, 191, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 191, 199) }
```

Border

The CSS property to change the border of an element to XYZ 50.6778, 52.5916, 61.5130 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(192, 191, 199) }
```


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

```
.border{ border-color:rgb(192, 191, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 191, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 191, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 191, 199);  
box-shadow:4px 4px 4px 4px rgb(192, 191,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 50.6778, 52.5916, 61.5130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 191, 199) }
```

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

```
.background{ background-color: rgb(192,  
191, 199) }
```

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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