

Converting Colors

XYZ(52.2790, 56.9330, 61.7531)

Have a look what the booklet for
XYZ(52.2790, 56.9330, 61.7531)
contains.

XYZ(52.0660, 56.6693, 61.6202)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.0660, 56.6693,
61.6202)**

Conversions

Conversions Part 1

Format	Color
Hex	BDC9C6
RGB	189, 201, 198
RGB Percent	74%, 79%, 78%
CMY	0.2588, 0.2117, 0.2235
CMYK	0.06, 0.00, 0.01, 0.21
HSL	165°, 10%, 76%
HSV	165°, 6%, 79%
XYZ	52.0660, 56.6693, 61.6202
YIQ	197.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

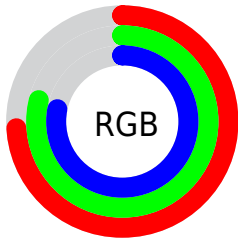
Format	Color
R_{YB}	189, 196, 201
Decimal	12437958
CIE Lab	79.99, -4.65, 0.07
CIE LCh	80, 4.653, 179.085
Yxy	56.6693, 0.3056, 0.3327
Android (android.graphics.Color)	4290628038 (0xFFBDC9C6)
YUV	197.0700, 0.4585, -7.0774
Hunter-Lab	75.2790, -8.2805, 4.1630

Details

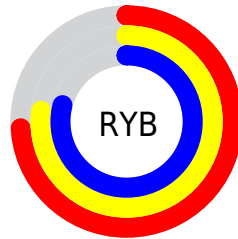
The XYZ color **52.0660, 56.6693, 61.6202** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8015, 52.6201, 57.2984**, and the grayscale version is **53.1145, 55.8806, 60.8540**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **25.6211, 28.1153, 30.4620** is the 20% darker color. If you saturate the color by 10%, you get **46.8513, 54.0485, 58.3990**, and if you desaturate by 10%, it is **57.9942, 59.6589, 64.9777**.

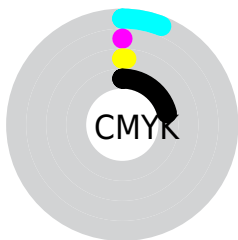
Distribution



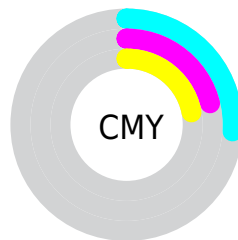
- Red (74%)
- Green (79%)
- Blue (78%)



- Red (74%)
- Yellow (77%)
- Blue (79%)



- Cyan (6%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (26%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0660, 56.6693, 61.6202 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 52.0660, 56.6693, 61.6202 by changing the saturation by 10% instead.

■ 52.0660, 56.6693,
61.6202

■ 52.0660, 56.6693,
61.6202

385.0111,
412.2090, 448.5137

■ 37.2822, 40.7398,
44.2921

■ 92.4022, 99.9825,
108.7427

■ 25.6007, 28.1158,
30.5613

118.6853,
128.1350, 139.3741

■ 16.6563, 18.4130,
20.0094

149.5322,
161.1306, 175.2771

■ 10.0835, 11.2469,
12.2177

185.3083,
199.3536, 216.8701

■ 5.5171, 6.2332,
6.7678

226.3788,
243.1886, 264.5718

■ 2.5916, 2.9874,
3.2411

273.1093,

■ 0.9417, 1.1251,

293.0199, 318.8006

1.2190

325.8649,
349.2319, 379.9750

■ 0.0000, 0.0000,
0.0000

■ 52.0660, 56.6693,
61.6202

■ 52.0660, 56.6693,
61.6202

■ 46.8513, 54.0485,
58.3990

■ 57.9942, 59.6589,
64.9777

■ 42.3168, 51.7746,
55.3082

■ 64.6580, 63.0237,
68.4699

■ 38.4338, 49.8344,
52.3464

■ 72.0842, 66.7795,
72.1002

■ 35.1696, 48.2110,
49.5112

■ 74.7980, 68.1035,
75.6134

■ 32.4886, 46.8861,
46.7999

■ 75.4667, 68.3710,
79.1351

■ 30.3513, 45.8394,
44.2097

■ 76.1557, 68.6466,
82.7629

■ 28.7135, 45.0482,
41.7375

■ 76.8649, 68.9303,
86.4978

■ 27.5237, 44.4857,
39.3797

■ 77.5947, 69.2222,
90.3405

■ 26.7174, 44.1190,
37.1323

■ 78.3451, 69.5223,
94.2921

Harmonies

Analogous

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



52.3186, 56.6693, 59.0681



52.0660, 56.6693, 61.6202



52.2901, 56.6693, 64.2676

Triad

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



52.0660, 56.6693, 61.6202



54.7506, 56.6693, 66.3635



54.8014, 56.6693, 57.3454

Complementary

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



52.0660, 56.6693, 61.6202



51.8015, 52.6201, 57.2984

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.



55.4660, 56.6693, 59.2080



52.0660, 56.6693, 61.6202



55.4365, 56.6693, 64.4156

Square

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



52.0660, 56.6693, 61.6202



53.8335, 56.6693, 67.0541



55.6998, 56.6693, 61.7863



53.8915, 56.6693, 56.6449

Rectangle

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



52.0660, 56.6693, 61.6202



52.6812, 56.6693, 65.7199



55.6998, 56.6693, 61.7863



55.0613, 56.6693, 57.8537

Sweetspot

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



52.0676, 56.6717, 61.6214



92.9937, 98.9636, 107.7350



51.8627, 56.6825, 56.3525



19.9260, 21.1931, 23.0720



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.



52.0676, 56.6717, 61.6214



88.0744, 96.4860, 104.8638



51.7706, 55.5177, 63.2485



11.0470, 12.1302, 13.1810



16.6685, 27.6798, 22.9964



0.8170, 1.3217, 1.2350

Inverse Universe

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



51.8015, 52.6201, 57.2984



87.5370, 88.3030, 96.1328



52.0804, 53.7049, 55.7663



10.9757, 11.0439, 12.0220



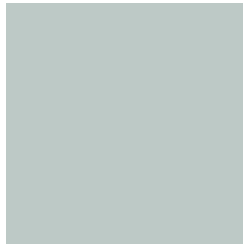
15.5426, 7.9666, 2.8010



0.7661, 0.3893, 0.2912

Previews

White Background



This preview shows how the XYZ color 52.0660, 56.6693, 61.6202 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 52.0660, 56.6693, 61.6202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

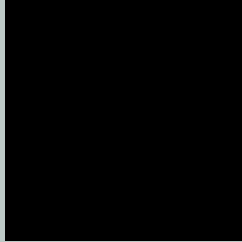
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

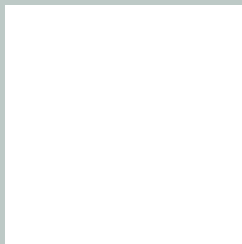
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0660, 56.6693, 61.6202

Background



This preview shows how black text looks on a background with the XYZ color 52.0660, 56.6693, 61.6202.



This preview shows how white text looks on a background with the XYZ color 52.0660, 56.6693,

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

52.0660, 56.6693, 61.6202

Protanopia

54.2872, 56.4746, 60.2640

Deuteranopia

57.5939, 56.4683, 62.5075



Tritanopia

54.2993, 56.9084, 71.7409

Trichromacy



Original Color

52.0660, 56.6693, 61.6202

Protanomaly

53.2981, 56.2897, 60.8792

Deuteranomaly

55.2775, 56.2755, 61.9817

Tritanomaly

53.5253, 56.9390, 67.8437

Monochromacy



Original Color

52.0660, 56.6693, 61.6202

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.5203, 55.8887, 60.8428

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0660, 56.6693, 61.6202 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(189, 201, 198)` looks like.

```
.text, #text, p{  
    color:rgb(189, 201, 198)  
}
```

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(189, 201, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 201, 198) }
```

Border

The CSS property to change the border of an element to XYZ 52.0660, 56.6693, 61.6202 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(189, 201, 198) }
```


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

```
.border{ border-color:rgb(189, 201, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 201, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 201, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 201, 198);  
box-shadow:4px 4px 4px 4px rgb(189, 201,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0660, 56.6693, 61.6202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 201, 198) }
```

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

```
.background{ background-color: rgb(189,  
201, 198) }
```

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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