

Converting Colors

XYZ(48.8682, 53.6693, 60.6077)

Have a look what the booklet for
XYZ(48.8682, 53.6693, 60.6077)
contains.

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Color

**XYZ(48.8667, 53.6670,
60.6065)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C5C5
RGB	180, 197, 197
RGB Percent	71%, 77%, 77%
CMY	0.2941, 0.2274, 0.2274
CMYK	0.09, 0.00, 0.00, 0.23
HSL	180°, 13%, 74%
HSV	180°, 9%, 77%
XYZ	48.8667, 53.6670, 60.6065
YIQ	191.9170, -10.1320, -3.6040

Conversions

Conversions Part 2

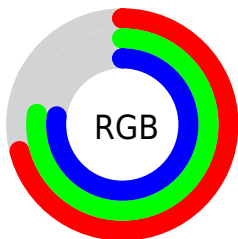
Format	Color
RYB	180, 189, 197
Decimal	11847109
CIELab	78.27, -5.77, -1.99
CIELCh	78, 6.103, 199.026
Yxy	53.6670, 0.2995, 0.3290
Android (android.graphics.Color)	4290037189 (0xFFB4C5C5)
YUV	191.9170, 2.5059, -10.4512
Hunter-Lab	73.2578, -9.1324, 2.2295

Details

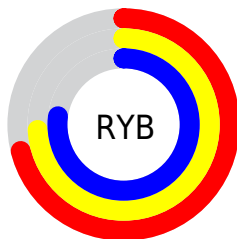
The XYZ color **48.8667, 53.6670, 60.6065** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.5874, 47.8096, 49.9026**, and the grayscale version is **50.0458, 52.6521, 57.3382**.

A 20% lighter version of the original color is **87.9233, 95.8722, 107.6371**, and **23.5328, 26.1401, 29.7918** is the 20% darker color. If you saturate the color by 10%, you get **44.6026, 51.4703, 60.4060**, and if you desaturate by 10%, it is **53.7858, 56.2043, 60.8399**.

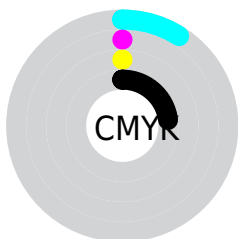
Distribution



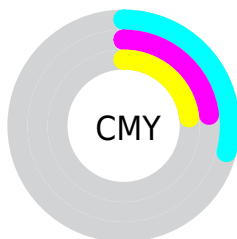
- Red (71%)
- Green (77%)
- Blue (77%)



- Red (71%)
- Yellow (74%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (0%)
- Black (23%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8667, 53.6670, 60.6065 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 48.8667, 53.6670, 60.6065 by changing the saturation by 10% instead.

■ 48.8667, 53.6670,
60.6065

■ 48.8667, 53.6670,
60.6065

372.7430,
400.8389, 444.6963

■ 34.7278, 38.3355,
43.4792

■ 87.6954, 95.5851,
107.2609

■ 23.6188, 26.2432,
29.9271

113.1159,
122.9406, 137.6251

■ 15.1743, 17.0057,
19.5317

143.0277,
155.0727, 173.2387

■ 9.0289, 10.2385,
11.8744

177.7961,
192.3661, 214.5202

■ 4.8173, 5.5574,
6.5367

217.7864,
235.2050, 261.8882

■ 2.1741, 2.5779,
3.1001

263.3641,

■ 0.7291, 0.9156,

283.9738, 315.7612

1.1460

314.8945,
339.0570, 376.5577

■ 0.0000, 0.0000,
0.0000

■ 48.8667, 53.6670,
60.6065

■ 48.8667, 53.6670,
60.6065

■ 44.6026, 51.4703,
60.4060

■ 53.7858, 56.2043,
60.8399

■ 40.9614, 49.5932,
60.2335

■ 59.3809, 59.0887,
61.1038

■ 37.9155, 48.0230,
60.0889

■ 65.6780, 62.3349,
61.4006

■ 35.4331, 46.7434,
59.9706

■ 71.2870, 65.2264,
61.6652

■ 33.4798, 45.7364,
59.8771

■ 71.2874, 65.2265,
61.6673

■ 32.0171, 44.9824,
59.8066

■ 71.2878, 65.2267,
61.6694

■ 31.0015, 44.4590,
59.7570

■ 71.2882, 65.2269,
61.6715

■ 30.3820, 44.1396,
59.7259

■ 71.2886, 65.2270,
61.6736

■ 30.0756, 43.9817,
59.7095

■ 71.2890, 65.2272,
61.6757

Harmonies

Analogous

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



48.7856, 53.6670, 57.1901



48.8667, 53.6670, 60.6065



49.5165, 53.6670, 63.5463

Triad

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



48.8667, 53.6670, 60.6065



52.7640, 53.6670, 62.8577



51.4477, 53.6670, 52.2073

Complementary

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



48.8667, 53.6670, 60.6065



47.5874, 47.8096, 49.9026

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.



52.5309, 53.6670, 53.6039



48.8667, 53.6670, 60.6065



53.2987, 53.6670, 59.6963

Square

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



48.8667, 53.6670, 60.6065



51.7618, 53.6670, 64.8807



53.2128, 53.6670, 56.3145



50.2633, 53.6670, 52.4296

Rectangle

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



48.8667, 53.6670, 60.6065



50.1906, 53.6670, 64.7987



53.2128, 53.6670, 56.3145



51.8360, 53.6670, 52.5008

Sweetspot

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



48.8682, 53.6693, 60.6077



92.2911, 98.5778, 108.7698



47.0945, 52.9674, 50.9226



19.6003, 21.0204, 23.2739



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.



48.8682, 53.6693, 60.6077



86.2822, 95.4801, 108.4859



47.0530, 50.0383, 60.0043



10.9467, 12.0676, 13.6694



19.7589, 28.9160, 39.2707



0.9356, 1.3692, 1.8596

Inverse Universe

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



47.5874, 47.8096, 49.9026



83.6113, 83.2611, 86.1628



49.2957, 51.2266, 50.4705



10.6340, 10.6370, 11.0558



15.1454, 7.8077, 0.7096



0.7172, 0.3697, 0.0337

Previews

White Background



This preview shows how the XYZ color 48.8667, 53.6670, 60.6065 looks on a white background.

Color Contrast Check

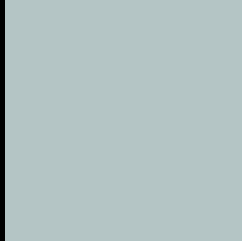
Large Text (above 18pt) WCAG AA × Fail

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 48.8667, 53.6670, 60.6065 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

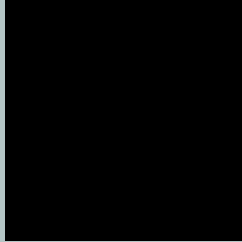
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

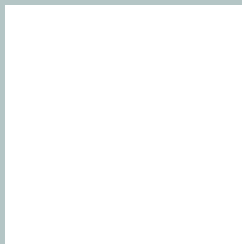
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8667, 53.6670, 60.6065

Background



This preview shows how black text looks on a background with the XYZ color 48.8667, 53.6670, 60.6065.

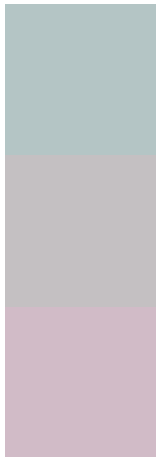


This preview shows how white text looks on a background with the XYZ color 48.8667, 53.6670,

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

48.8667, 53.6670, 60.6065

Protanopia

51.3522, 53.3301, 58.6261

Deuteranopia

54.3736, 53.2195, 61.4394



Tritanopia

50.4394, 53.6284, 68.6657

Trichromacy



Original Color

48.8667, 53.6670, 60.6065

Protanomaly

50.3773, 53.4709, 59.2955

Deuteranomaly

52.1125, 53.3446, 60.9760

Tritanomaly

49.8154, 53.7114, 65.4994

Monochromacy



Original Color

48.8667, 53.6670, 60.6065

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.7684, 53.1700, 58.6787

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8667, 53.6670, 60.6065 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(180, 197, 197)` looks like.

```
.text, #text, p{  
    color:rgb(180, 197, 197)  
}
```

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(180, 197, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 197, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.8667, 53.6670, 60.6065 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(180, 197, 197) }
```


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

```
.border{ border-color:rgb(180, 197, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 197, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 197, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 197, 197);  
box-shadow:4px 4px 4px 4px rgb(180, 197,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8667, 53.6670, 60.6065 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 197, 197) }
```

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

```
.background{ background-color: rgb(180,  
197, 197) }
```

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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