

Converting Colors

XYZ(48.8625, 54.0031, 60.6716)

Have a look what the booklet for
XYZ(48.8625, 54.0031, 60.6716)
contains.

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Color

**XYZ(48.8625, 54.0031,
60.6716)**

Conversions

Conversions Part 1

Format	Color
Hex	B3C6C5
RGB	179, 198, 197
RGB Percent	70%, 78%, 77%
CMY	0.2980, 0.2235, 0.2274
CMYK	0.10, 0.00, 0.01, 0.22
HSL	177°, 14%, 74%
HSV	177°, 10%, 78%
XYZ	48.8625, 54.0031, 60.6716
YIQ	192.2050, -11.0030, -4.3390

Conversions

Conversions Part 2

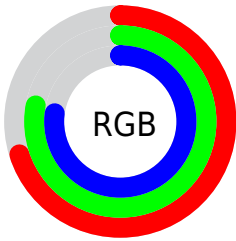
Format	Color
RYB	179, 189, 198
Decimal	11781829
CIELab	78.46, -6.63, -1.71
CIELCh	78, 6.844, 194.466
Yxy	54.0031, 0.2988, 0.3302
Android (android.graphics.Color)	4289971909 (0xFFB3C6C5)
YUV	192.2050, 2.3639, -11.5808
Hunter-Lab	73.4868, -9.9145, 2.4902

Details

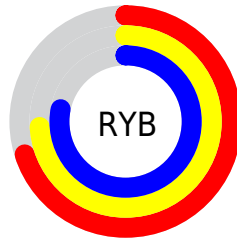
The XYZ color **48.8625, 54.0031, 60.6716** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.6490, 47.5426, 49.8477**, and the grayscale version is **50.2151, 52.8302, 57.5321**.

A 20% lighter version of the original color is **87.9103, 96.3379, 107.7276**, and **23.5354, 26.3653, 29.8352** is the 20% darker color. If you saturate the color by 10%, you get **44.4919, 51.7652, 59.8451**, and if you desaturate by 10%, it is **53.8942, 56.5846, 61.5356**.

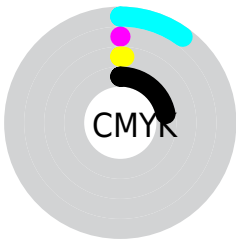
Distribution



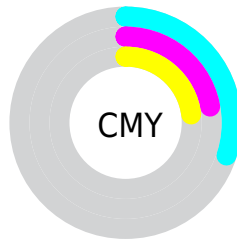
- Red (70%)
- Green (78%)
- Blue (77%)



- Red (70%)
- Yellow (74%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (30%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.8625, 54.0031, 60.6716 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 48.8625, 54.0031, 60.6716 by changing the saturation by 10% instead.

■ 48.8625, 54.0031,
60.6716

■ 48.8625, 54.0031,
60.6716

372.7267,
402.1218, 444.9420

■ 34.7245, 38.6041,
43.5314

■ 87.6892, 96.0788,
107.3562

■ 23.6163, 26.4519,
29.9678

113.1085,
123.5243, 137.7376

■ 15.1724, 17.1620,
19.5623

143.0191,
155.7542, 173.3698

■ 9.0276, 10.3501,
11.8964

177.7861,
193.1527, 214.6714

■ 4.8164, 5.6317,
6.5515

217.7751,
236.1044, 262.0609

■ 2.1736, 2.6224,
3.1090

263.3512,

■ 0.7288, 0.9380,

284.9935, 315.9568

1.1506

314.8800,
340.2045, 376.7777

■ 0.0000, 0.0000,
0.0000

■ 48.8625, 54.0031,
60.6716

■ 48.8625, 54.0031,
60.6716

■ 44.4919, 51.7652,
59.8451

■ 53.8942, 56.5846,
61.5356

■ 40.7498, 49.8498,
59.0512

■ 59.6085, 59.5165,
62.4348

■ 37.6080, 48.2438,
58.2897

■ 66.0318, 62.8137,
63.3716

■ 35.0341, 46.9304,
57.5591

■ 71.9992, 65.8758,
64.2914

■ 32.9928, 45.8915,
56.8577

■ 72.1227, 65.9253,
64.9420

■ 31.4449, 45.1068,
56.1837

■ 72.2471, 65.9750,
65.5971

■ 30.3456, 44.5533,
55.5350

■ 72.3724, 66.0251,
66.2566

■ 29.6421, 44.2038,
54.9091

■ 72.4985, 66.0756,
66.9205

■ 29.2385, 44.0087,
54.3015

■ 72.6254, 66.1263,
67.5889

Harmonies

Analogous

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



48.8746, 54.0031, 56.8372



48.8625, 54.0031, 60.6716



49.5031, 54.0031, 64.1474

Triad

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



48.8625, 54.0031, 60.6716



53.1630, 54.0031, 64.2510



52.0247, 54.0031, 51.9431

Complementary

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



48.8625, 54.0031, 60.6716



47.6490, 47.5426, 49.8477

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.



53.1979, 54.0031, 53.7587



48.8625, 54.0031, 60.6716



53.8629, 54.0031, 60.8079

Square

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



48.8625, 54.0031, 60.6716



51.9777, 54.0031, 66.2744



53.8757, 54.0031, 56.9677



50.6844, 54.0031, 51.9102

Rectangle

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



48.8625, 54.0031, 60.6716



50.2207, 54.0031, 65.7462



53.8757, 54.0031, 56.9677



52.4522, 54.0031, 52.3615

Sweetspot

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



48.8640, 54.0054, 60.6728



92.2264, 98.5519, 108.4288



47.2169, 53.3805, 50.4635



19.5827, 21.0134, 23.1815



0.0000, 0.0000, 0.0000



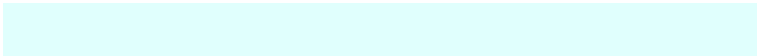
20.3446, 21.4041, 23.3091

Same Dimension

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



48.8640, 54.0054, 60.6728



84.4156, 94.5477, 107.0505



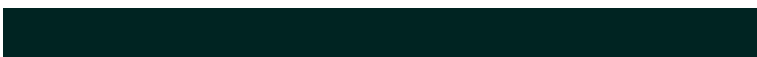
47.1479, 50.3886, 60.6698



10.9216, 12.0575, 13.5373



19.0143, 28.6181, 35.3496



0.9079, 1.3581, 1.7137

Inverse Universe

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



47.6490, 47.5426, 49.8477



81.7329, 80.2784, 83.1500



49.2472, 50.9020, 49.8781



10.6562, 10.6459, 11.1728



15.1924, 7.8265, 0.9573



0.7275, 0.3738, 0.0879

Previews

White Background



This preview shows how the XYZ color 48.8625, 54.0031, 60.6716 looks on a white background.

Color Contrast Check

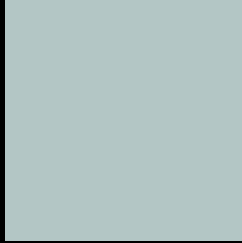
Large Text (above 18pt) WCAG AA × Fail

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 48.8625, 54.0031, 60.6716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

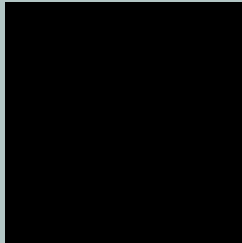
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

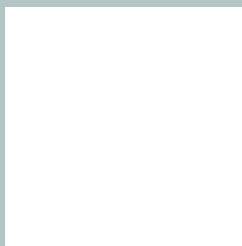
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.8625, 54.0031, 60.6716

Background



This preview shows how black text looks on a background with the XYZ color 48.8625, 54.0031, 60.6716.

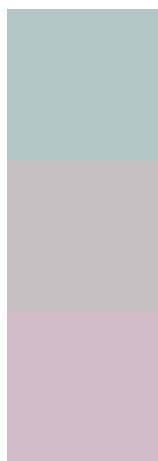


This preview shows how white text looks on a background with the XYZ color 48.8625, 54.0031,

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

48.8625, 54.0031, 60.6716

Protanopia

51.8335, 53.9053, 58.7118

Deuteranopia

54.8704, 53.7916, 61.5237



Tritanopia

50.5539, 54.0068, 69.3879

Trichromacy



Original Color

48.8625, 54.0031, 60.6716

Protanomaly

50.6006, 53.9175, 59.3699

Deuteranomaly

52.5959, 53.9186, 61.0613

Tritanomaly

49.9292, 54.0920, 66.2018

Monochromacy



Original Color

48.8625, 54.0031, 60.6716

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.5229, 53.0434, 58.6672

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8625, 54.0031, 60.6716 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(179, 198, 197)` looks like.

```
.text, #text, p{  
    color:rgb(179, 198, 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(179, 198, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 198, 197) }
```

Border

The CSS property to change the border of an element to XYZ 48.8625, 54.0031, 60.6716 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(179, 198, 197) }
```


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

```
.border{ border-color:rgb(179, 198, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 198, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 198, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 198, 197);  
box-shadow:4px 4px 4px 4px rgb(179, 198,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8625, 54.0031, 60.6716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 198, 197) }
```

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

```
.background{ background-color: rgb(179,  
198, 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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