

Converting Colors

XYZ(48.1410, 54.0640, 55.7816)

Have a look what the booklet for
XYZ(48.1410, 54.0640, 55.7816)
contains.

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Color

**XYZ(48.1991, 54.1047,
56.0470)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | B3C7BD |
| RGB | 179, 199, 189 |
| RGB Percent | 70%, 78%, 74% |
| CMY | 0.2980, 0.2196, 0.2588 |
| CMYK | 0.10, 0.00, 0.05, 0.22 |
| HSL | 150°, 15%, 74% |
| HSV | 150°, 10%, 78% |
| XYZ | 48.1991, 54.1047, 56.0470 |
| YIQ | 191.8800, -8.7100, -7.3500 |

Conversions

Conversions Part 2

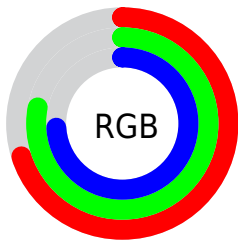
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 179, 192, 199 |
| Decimal | 11782077 |
| CIELab | 78.52, -8.70, 2.68 |
| CIELCh | 79, 9.108, 162.857 |
| Yxy | 54.1047, 0.3044, 0.3417 |
| Android (android.graphics.Color) | 4289972157 (0xFFB3C7BD) |
| YUV | 191.8800, -1.4198, -11.2958 |
| Hunter-Lab | 73.5559, -11.7568, 6.3122 |

Details

The XYZ color **48.1991, 54.1047, 56.0470** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.8605, 48.0577, 54.8474**, and the grayscale version is **50.0458, 52.6521, 57.3381**.

A 20% lighter version of the original color is **86.5024, 95.7747, 100.3134**, and **23.1735, 26.4640, 27.1792** is the 20% darker color. If you saturate the color by 10%, you get **42.8843, 51.4869, 50.3520**, and if you desaturate by 10%, it is **54.2549, 57.0990, 62.1659**.

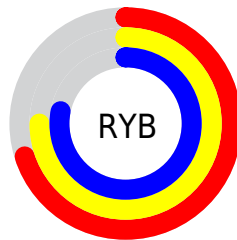
Distribution



Red (70%)

Green (78%)

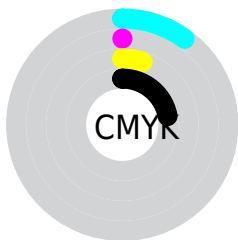
Blue (74%)



Red (70%)

Yellow (75%)

Blue (78%)

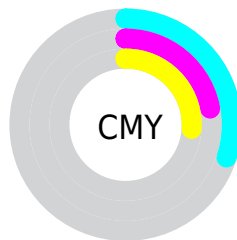


Cyan (10%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (30%)

Magenta (22%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.1991, 54.1047, 56.0470 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 48.1991, 54.1047, 56.0470 by changing the saturation by 10% instead.

■ 48.1991, 54.1047,
56.0470

■ 48.1991, 54.1047,
56.0470

370.1502,
402.5091, 427.2619

■ 34.1965, 38.6854,
39.8364

■ 86.7087, 96.2280,
100.5598

■ 23.2082, 26.5151,
27.0982

111.9463,
123.7007, 129.6990

■ 14.8689, 17.2094,
17.4139

141.6598,
155.9600, 163.9848

■ 8.8131, 10.3839,
10.3649

176.2143,
193.3903, 203.8358

■ 4.6756, 5.6542,
5.5328

215.9752,
236.3759, 249.6704

■ 2.0910, 2.6360,
2.4990

261.3079,

■ 0.6843, 0.9448,

285.3014, 301.9073

0.8396

312.5778,
340.5510, 360.9649

■ 0.0000, 0.0000,
0.0000

■ 48.1991, 54.1047,
56.0470

■ 48.1991, 54.1047,
56.0470

■ 42.8843, 51.4869,
50.3520

■ 54.2549, 57.0990,
62.1659

■ 38.2761, 49.2234,
45.0682

■ 61.0752, 60.4771,
68.7140

■ 34.3442, 47.3004,
40.1874

■ 68.6880, 64.2549,
75.7009

■ 31.0542, 45.7003,
35.6997

■ 75.7805, 67.7554,
83.0723

■ 28.3686, 44.4039,
31.5950

■ 77.2090, 68.3268,
90.5943

■ 26.2457, 43.3899,
27.8625

■ 78.7184, 68.9305,
98.5426

■ 24.6381, 42.6341,
24.4907

■ 79.7145, 69.3290,
103.7882

■ 23.4901, 42.1081,
21.4675

■ 22.7000, 41.7592,
18.7910

Harmonies

Analogous

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



49.1145, 54.1047, 51.9627



48.1991, 54.1047, 56.0470



48.1352, 54.1047, 61.1361

Triad

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



48.1991, 54.1047, 56.0470



52.1961, 54.1047, 69.0749



53.9948, 54.1047, 52.4446

Complementary

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



48.1991, 54.1047, 56.0470



48.8605, 48.0577, 54.8474

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.



54.8612, 54.1047, 56.7402



48.1991, 54.1047, 56.0470



53.8066, 54.1047, 66.4523

Square

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



48.1991, 54.1047, 56.0470



50.4150, 54.1047, 68.8625



54.7915, 54.1047, 61.8706



52.4482, 54.1047, 49.9673

Rectangle

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



48.1991, 54.1047, 56.0470



48.5818, 54.1047, 64.4339



54.7915, 54.1047, 61.8706



54.3769, 54.1047, 53.7128

Sweetspot

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



48.2006, 54.1070, 56.0482



91.6814, 98.3339, 105.5593



49.6311, 54.9656, 50.6420



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



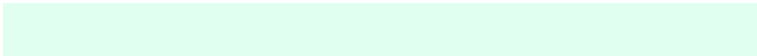
20.3446, 21.4041, 23.3091

Same Dimension

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



48.2006, 54.1070, 56.0482



82.3079, 93.7046, 95.9516



49.2858, 54.5411, 61.7627



10.7149, 11.9748, 12.4488



14.6401, 26.8684, 12.3153



0.7298, 1.2868, 0.7757

Inverse Universe

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



48.8605, 48.0577, 54.8474



83.6872, 81.0602, 93.4417



47.8453, 47.6516, 49.5014



10.8514, 10.7239, 12.2005



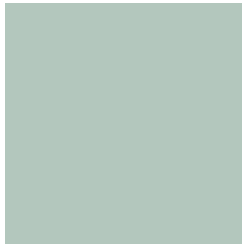
16.6535, 8.4110, 8.6511



0.8251, 0.4129, 0.6022

Previews

White Background



This preview shows how the XYZ color 48.1991, 54.1047, 56.0470 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 48.1991, 54.1047, 56.0470 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

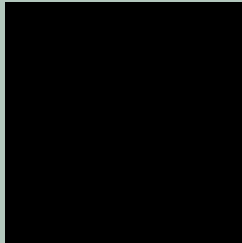
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

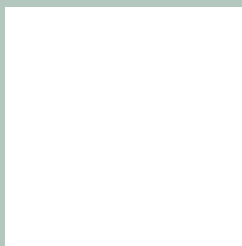
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.1991, 54.1047, 56.0470

Background



This preview shows how black text looks on a background with the XYZ color 48.1991, 54.1047, 56.0470.

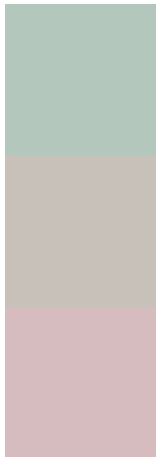


This preview shows how white text looks on a background with the XYZ color 48.1991, 54.1047,

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

48.1991, 54.1047, 56.0470

Protanopia

51.4861, 53.8272, 54.1305

Deuteranopia

55.1187, 54.0242, 56.8129



Tritanopia

51.0262, 54.2503, 69.4100

Trichromacy



Original Color

48.1991, 54.1047, 56.0470

Protanomaly

50.2230, 53.8245, 54.7558

Deuteranomaly

52.2313, 53.8345, 56.3534

Tritanomaly

50.0371, 54.1894, 64.3223

Monochromacy



Original Color

48.1991, 54.1047, 56.0470

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.4126, 53.3566, 56.9847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.1991, 54.1047, 56.0470 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, 199, 189) looks like.

```
.text, #text, p{  
    color:rgb(179, 199, 189)  
}
```

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, 199, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 199, 189) }
```

Border

The CSS property to change the border of an element to XYZ 48.1991, 54.1047, 56.0470 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, 199, 189) }
```


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

```
.border{ border-color:rgb(179, 199, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 199, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 199, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 199, 189);  
box-shadow:4px 4px 4px 4px rgb(179, 199,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 48.1991, 54.1047, 56.0470 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 199, 189) }
```

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

```
.background{ background-color: rgb(179,  
199, 189) }
```

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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