

Converting Colors

XYZ(49.0708, 53.2118, 58.8309)

Have a look what the booklet for
XYZ(49.0708, 53.2118, 58.8309)
contains.

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Color

**XYZ(49.0199, 53.1156,
58.7076)**

Conversions

Conversions Part 1	
Format	Color
Hex	B8C3C2
RGB	184, 195, 194
RGB Percent	72%, 76%, 76%
CMY	0.2784, 0.2353, 0.2392
CMYK	0.06, 0.00, 0.01, 0.24
HSL	175°, 8%, 74%
HSV	175°, 6%, 76%
XYZ	49.0199, 53.1156, 58.7076
YIQ	191.5970, -6.2350, -2.6430

Conversions

Conversions Part 2

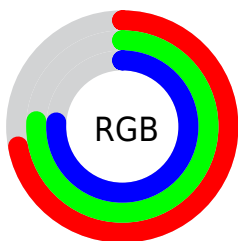
Format	Color
RYB	184, 190, 195
Decimal	12108738
CIELab	77.94, -3.96, -0.81
CIELCh	78, 4.037, 191.597
Yxy	53.1156, 0.3048, 0.3302
Android (android.graphics.Color)	4290298818 (0xFFB8C3C2)
YUV	191.5970, 1.1847, -6.6626
Hunter-Lab	72.8805, -7.4804, 3.2563

Details

The XYZ color **49.0199, 53.1156, 58.7076** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.4051, 49.3873, 52.8831**, and the grayscale version is **49.8652, 52.4621, 57.1312**.

A 20% lighter version of the original color is **88.0009, 95.0482, 104.1505**, and **23.6186, 25.7685, 28.5399** is the 20% darker color. If you saturate the color by 10%, you get **44.4688, 50.7938, 57.4595**, and if you desaturate by 10%, it is **54.2204, 55.7748, 60.0008**.

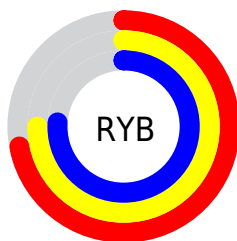
Distribution



Red (72%)

Green (76%)

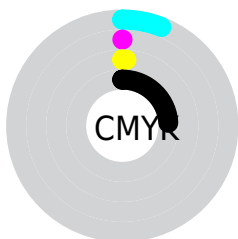
Blue (76%)



Red (72%)

Yellow (75%)

Blue (76%)

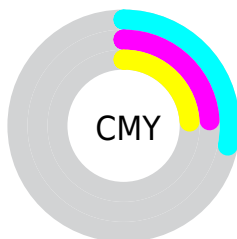


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (24%)



Cyan (28%)


Magenta (24%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.0199, 53.1156, 58.7076 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 49.0199, 53.1156, 58.7076 by changing the saturation by 10% instead.


 49.0199, 53.1156,
58.7076

 49.0199, 53.1156,
58.7076


373.3363,
398.7285, 437.4891

 34.8499, 37.8951,
41.9593


 87.9216, 94.7745,
104.4775

 23.7132, 25.9013,
28.7441


113.3839,
121.9816, 134.3362

 15.2446, 16.7498,
18.6434


143.3410,
153.9530, 169.4022

 9.0787, 10.0563,
11.2387

178.1583,
191.0731, 210.0939

 4.8501, 5.4363,
6.1114

218.2012,
233.7263, 256.8299

 2.1934, 2.5054,
2.8431


263.8349,


 0.7393, 0.8794,


282.2970, 310.0287


1.0151


315.4248,
337.1696, 370.1090


 0.0000, 0.0000,
0.0000


 49.0199, 53.1156,
58.7076


 49.0199, 53.1156,
58.7076


 44.4688, 50.7938,
57.4595


 54.2204, 55.7748,
60.0008


 40.5363, 48.7892,
56.2517


 60.0903, 58.7774,
61.3367


 37.1960, 47.0896,
55.0840


 66.6547, 62.1377,
62.7176


 34.4178, 45.6795,
53.9549


 71.3120, 64.5146,
64.0219


 32.1688, 44.5419,
52.8629


 71.5226, 64.5988,
65.1308

 30.4128, 43.6583,
51.8062


 71.7356, 64.6840,
66.2524


 29.1092, 43.0075,
50.7829

 71.9510, 64.7702,
67.3869

 28.2106, 42.5653,
49.7908

 72.1689, 64.8573,
68.5343

 27.6584, 42.3014,
48.8269

 72.3892, 64.9455,
69.6946

Harmonies

Analogous

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



49.0654, 53.1156, 56.4792



49.0199, 53.1156, 58.7076



49.3639, 53.1156, 60.7528

Triad

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



49.0199, 53.1156, 58.7076



51.4940, 53.1156, 61.1288



50.9630, 53.1156, 53.8265

Complementary

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



49.0199, 53.1156, 58.7076



48.4051, 49.3873, 52.8831

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.



51.6225, 53.1156, 55.0099



49.0199, 53.1156, 58.7076



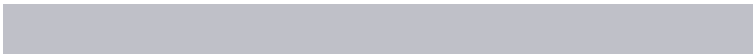
51.9313, 53.1156, 59.2100

Square

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



49.0199, 53.1156, 58.7076



50.7890, 53.1156, 62.1747



51.9786, 53.1156, 56.9688



50.1818, 53.1156, 53.6999

Rectangle

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



49.0199, 53.1156, 58.7076



49.7699, 53.1156, 61.7221



51.9786, 53.1156, 56.9688



51.2065, 53.1156, 54.1124

Sweetspot

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



49.0214, 53.1179, 58.7088



91.0203, 96.7785, 105.9697



48.2002, 52.8199, 53.0032



19.9525, 21.2037, 23.2113



0.0000, 0.0000, 0.0000



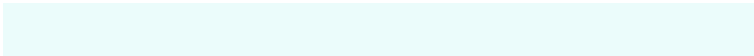
20.3446, 21.4041, 23.3091

Same Dimension

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



49.0214, 53.1179, 58.7088



86.5269, 94.4831, 104.8103



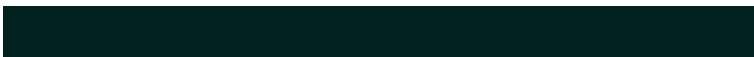
48.1628, 51.2197, 58.9803



10.5197, 11.5102, 12.7803



17.8724, 27.4430, 31.5506



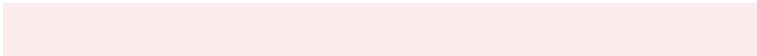
0.7840, 1.1904, 1.4253

Inverse Universe

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



48.4051, 49.3873, 52.8831



85.1500, 86.1483, 91.7944



49.2281, 51.2022, 52.6367



10.3431, 10.4410, 11.1107



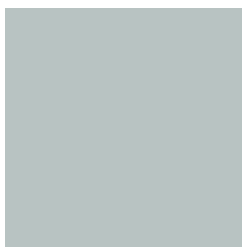
14.7112, 7.5742, 1.1255



0.6486, 0.3324, 0.1168

Previews

White Background



This preview shows how the XYZ color 49.0199, 53.1156, 58.7076 looks on a white background.

Color Contrast Check

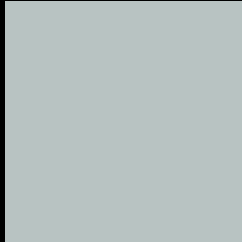
Large Text (above 18pt) WCAG AA × Fail

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 49.0199, 53.1156, 58.7076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

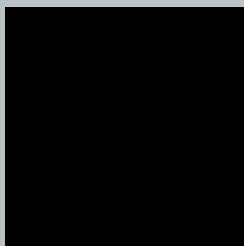
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

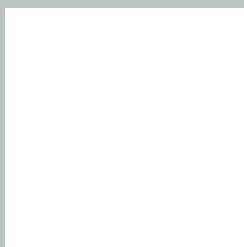
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.0199, 53.1156, 58.7076

Background



This preview shows how black text looks on a background with the XYZ color 49.0199, 53.1156, 58.7076.



This preview shows how white text looks on a background with the XYZ color 49.0199, 53.1156,

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

49.0199, 53.1156, 58.7076

Protanopia

51.1290, 53.2408, 57.4509

Deuteranopia

54.1011, 52.8050, 59.5655



Tritanopia

50.7048, 53.1331, 67.2578

Trichromacy



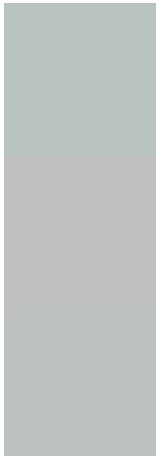
Original Color
49.0199, 53.1156, 58.7076

Protanomaly
50.4338, 53.1967, 58.0619

Deuteranomaly
52.1353, 52.7528, 59.0642

Tritanomaly
50.0789, 53.2097, 64.1310

Monochromacy



Original Color
49.0199, 53.1156, 58.7076

Achromatopsia
50.1023, 52.7115, 57.4028

Achromatomaly
49.6819, 52.8090, 58.0267

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.0199, 53.1156, 58.7076 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(184, 195, 194) looks like.

```
.text, #text, p{  
    color:rgb(184, 195, 194)  
}
```

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(184, 195, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 195, 194) }
```

Border

The CSS property to change the border of an element to XYZ 49.0199, 53.1156, 58.7076 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(184, 195, 194) }
```


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

```
.border{ border-color:rgb(184, 195, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 195, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 195, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 195, 194);  
box-shadow:4px 4px 4px 4px rgb(184, 195,  
194) }
```

Background

The CSS property to change the background color of an element to XYZ 49.0199, 53.1156, 58.7076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 195, 194) }
```

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

```
.background{ background-color: rgb(184,  
195, 194) }
```

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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