

Converting Colors

XYZ(49.6730, 54.5219, 55.8341)

Have a look what the booklet for
XYZ(49.6730, 54.5219, 55.8341)
contains.

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Color

**XYZ(49.6291, 54.5014,
56.0482)**

Conversions

Conversions Part 1	
Format	Color
Hex	BAC6BD
RGB	186, 198, 189
RGB Percent	73%, 78%, 74%
CMY	0.2706, 0.2235, 0.2588
CMYK	0.06, 0.00, 0.05, 0.22
HSL	135°, 10%, 75%
HSV	135°, 6%, 78%
XYZ	49.6291, 54.5014, 56.0482
YIQ	193.3860, -4.2630, -5.3430

Conversions

Conversions Part 2

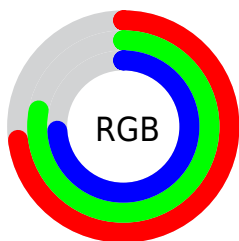
Format	Color
RYB	186, 196, 198
Decimal	12240573
CIELab	78.75, -5.79, 3.08
CIELCh	79, 6.561, 151.990
Yxy	54.5014, 0.3098, 0.3403
Android (android.graphics.Color)	4290430653 (0xFFBAC6BD)
YUV	193.3860, -2.1623, -6.4775
Hunter-Lab	73.8251, -9.1967, 6.6644

Details

The XYZ color **49.6291, 54.5014, 56.0482** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6999, 51.0651, 58.8168**, and the grayscale version is **50.9311, 53.5835, 58.3524**.

A 20% lighter version of the original color is **88.8594, 96.9898, 100.4237**, and **24.0901, 26.7106, 27.1785** is the 20% darker color. If you saturate the color by 10%, you get **43.6178, 51.5808, 47.7783**, and if you desaturate by 10%, it is **56.4752, 57.8363, 65.2213**.

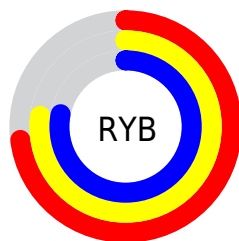
Distribution



Red (73%)

Green (78%)

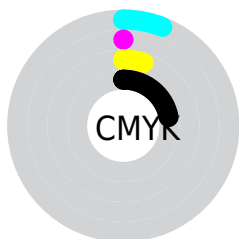
Blue (74%)



Red (73%)

Yellow (77%)

Blue (78%)

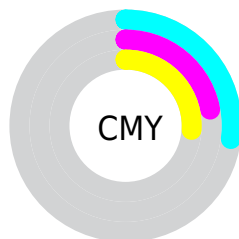


Cyan (6%)

Magenta (0%)

Yellow (5%)

Black (22%)



Cyan (27%)


Magenta (22%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.6291, 54.5014, 56.0482 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 49.6291, 54.5014, 56.0482 by changing the saturation by 10% instead.


 49.6291, 54.5014,
56.0482

 49.6291, 54.5014,
56.0482


375.6897,
404.0191, 427.2665

 35.3354, 39.0027,
39.8373


 88.8202, 96.8100,
100.5615

 24.0891, 26.7618,
27.0989


114.4483,
124.3887, 129.7011

 15.5248, 17.3944,
17.4144


144.5852,
156.7629, 163.9873

 9.2772, 10.5161,
10.3653

179.5963,
194.3169, 203.8386

 4.9810, 5.7425,
5.5331

219.8470,
237.4351, 249.6737

 2.2708, 2.6891,
2.4992


265.7025,


 0.7796, 0.9717,


286.5020, 301.9110


0.8397


317.5283,
341.9018, 360.9691


 0.0000, 0.0000,
0.0000


 49.6291, 54.5014,
56.0482


 49.6291, 54.5014,
56.0482


 43.6178, 51.5808,
47.7783


 56.4752, 57.8363,
65.2213


 38.4045, 49.0516,
40.3806


 64.1819, 61.5937,
75.3201


 33.9563, 46.8989,
33.8277

 72.7795, 65.7903,
86.3708

 30.2366, 45.1045,
28.0894

 78.4417, 68.4529,
98.2172

 27.2053, 43.6484,
23.1336

 79.4851, 68.8703,
103.7117

■ 24.8186, 42.5086,
18.9262

■ 23.0272, 41.6606,
15.4305

■ 21.7746, 41.0761,
12.6066

■ 20.9905, 40.7197,
10.4104

Harmonies

Analogous

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



50.4907, 54.5014, 53.4833



49.6291, 54.5014, 56.0482



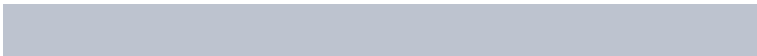
49.3469, 54.5014, 59.5914

Triad

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



49.6291, 54.5014, 56.0482



51.8887, 54.5014, 66.7784



53.9482, 54.5014, 55.6352

Complementary

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



49.6291, 54.5014, 56.0482



50.6999, 51.0651, 58.8168

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.



54.3371, 54.5014, 59.0948



49.6291, 54.5014, 56.0482



53.1357, 54.5014, 65.6153

Square

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



49.6291, 54.5014, 56.0482



50.6384, 54.5014, 65.8812



54.0373, 54.5014, 62.7640



52.9831, 54.5014, 53.2519

Rectangle

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



49.6291, 54.5014, 56.0482



49.5215, 54.5014, 62.0603



54.0373, 54.5014, 62.7640



54.1513, 54.5014, 56.7057

Sweetspot

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



49.6306, 54.5037, 56.0494



92.5887, 98.8016, 105.6019



51.6166, 55.5648, 54.4597



19.8436, 21.1602, 22.6378



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.



49.6306, 54.5037, 56.0494



86.7039, 95.9378, 97.6468



50.2733, 54.7608, 59.4337



10.8651, 12.0574, 12.2230



13.5293, 26.4241, 6.4660



0.6707, 1.2632, 0.4647

Inverse Universe

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



50.6999, 51.0651, 58.8168



88.9075, 88.8512, 103.3499



50.0564, 50.8077, 55.4279



11.1576, 11.1167, 12.9801



18.6835, 9.2230, 19.3412



0.9124, 0.4478, 1.0618

Previews

White Background



This preview shows how the XYZ color 49.6291, 54.5014, 56.0482 looks on a white background.

Color Contrast Check

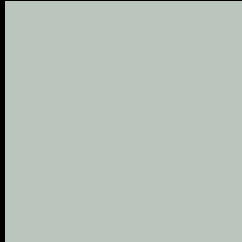
Large Text (above 18pt) WCAG AA × Fail

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 49.6291, 54.5014, 56.0482 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

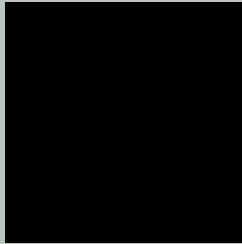
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

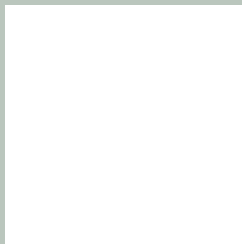
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.6291, 54.5014, 56.0482

Background



This preview shows how black text looks on a background with the XYZ color 49.6291, 54.5014, 56.0482.



This preview shows how white text looks on a background with the XYZ color 49.6291, 54.5014,

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

49.6291, 54.5014, 56.0482

Protanopia

52.0808, 54.4508, 54.7788

Deuteranopia



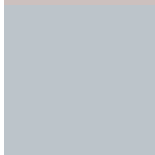
55.4115, 54.1751, 56.8266




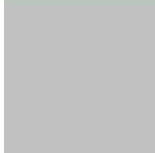
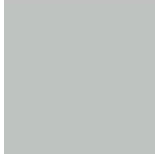
Tritanopia

52.1342, 54.5022, 68.7450

Trichromacy

	Original Color 49.6291, 54.5014, 56.0482
	Protanomaly 51.0979, 54.2632, 55.3576
	Deuteranomaly 53.0457, 54.2543, 56.3915
	Tritanomaly 51.1396, 54.4355, 63.6889

Monochromacy

	Original Color 49.6291, 54.5014, 56.0482
	Achromatopsia 50.6879, 53.3276, 58.0738
	Achromatomaly 50.2647, 53.7831, 57.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.6291, 54.5014, 56.0482 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(186, 198, 189) looks like.

```
.text, #text, p{  
    color:rgb(186, 198, 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(186, 198, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 198, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.6291, 54.5014, 56.0482 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(186, 198, 189) }
```


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

```
.border{ border-color:rgb(186, 198, 189) }
```

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

Here you see how a box with a 4 pixel rgb(186, 198, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 198, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 198, 189);  
box-shadow:4px 4px 4px 4px rgb(186, 198,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 49.6291, 54.5014, 56.0482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 198, 189) }
```

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

```
.background{ background-color: rgb(186,  
198, 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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