

Converting Colors

XYZ(49.2989, 53.6676, 59.2949)

Have a look what the booklet for
XYZ(49.2989, 53.6676, 59.2949)
contains.

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Color

**XYZ(49.3574, 53.6103,
59.3762)**

Conversions

Conversions Part 1

Format	Color
Hex	B8C4C3
RGB	184, 196, 195
RGB Percent	72%, 77%, 76%
CMY	0.2784, 0.2314, 0.2353
CMYK	0.06, 0.00, 0.01, 0.23
HSL	175°, 9%, 75%
HSV	175°, 6%, 77%
XYZ	49.3574, 53.6103, 59.3762
YIQ	192.2980, -6.8310, -2.8550

Conversions

Conversions Part 2

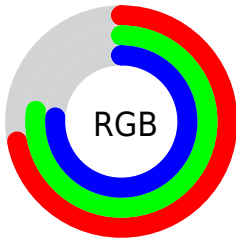
Format	Color
RYB	184, 190, 196
Decimal	12108995
CIELab	78.23, -4.29, -0.93
CIELCh	78, 4.389, 192.179
Yxy	53.6103, 0.3040, 0.3302
Android (android.graphics.Color)	4290299075 (0xFFB8C4C3)
YUV	192.2980, 1.3321, -7.2773
Hunter-Lab	73.2191, -7.8054, 3.1728

Details

The XYZ color **49.3574, 53.6103, 59.3762** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **48.6643, 49.5209, 52.8950**, and the grayscale version is **50.2736, 52.8917, 57.5991**.

A 20% lighter version of the original color is **88.6311, 95.8041, 105.9161**, and **23.8408, 26.0944, 28.9795** is the 20% darker color. If you saturate the color by 10%, you get **44.7999, 51.2836, 58.2025**, and if you desaturate by 10%, it is **54.5705, 56.2777, 60.5934**.

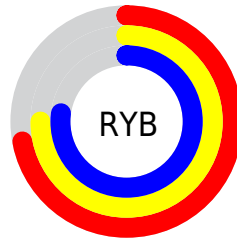
Distribution



Red (72%)

Green (77%)

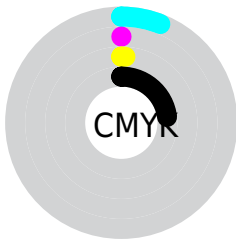
Blue (76%)



Red (72%)

Yellow (75%)

Blue (77%)

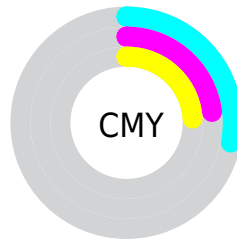


Cyan (6%)

Magenta (0%)

Yellow (1%)

Black (23%)



Cyan (28%)

Magenta (23%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3574, 53.6103, 59.3762 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 49.3574, 53.6103, 59.3762 by changing the saturation by 10% instead.

■ 49.3574, 53.6103,
59.3762

■ 49.3574, 53.6103,
59.3762

374.6413,
400.6222, 440.0353

■ 35.1188, 38.2902,
42.4940

■ 88.4196, 95.5018,
105.4587

■ 23.9213, 26.2080,
29.1599

113.9738,
122.8420, 135.4962

■ 15.3997, 16.9793,
18.9552

144.0307,
154.9577, 170.7558

■ 9.1885, 10.2197,
11.4614

178.9555,
192.2333, 211.6561

■ 4.9224, 5.5449,
6.2600

219.1136,
235.0531, 258.6157

■ 2.2361, 2.5704,
2.9325

264.8704,

■ 0.7617, 0.9118,

283.8016, 312.0530

1.0603

316.5911,
338.8632, 372.3867

■ 0.0000, 0.0000,
0.0000

■ 49.3574, 53.6103,
59.3762

■ 49.3574, 53.6103,
59.3762

■ 44.7999, 51.2836,
58.2025

■ 54.5705, 56.2777,
60.5934

■ 40.8669, 49.2771,
57.0675

■ 60.4598, 59.2920,
61.8517

■ 37.5315, 47.5785,
55.9711

■ 67.0504, 62.6676,
63.1536

■ 34.7630, 46.1718,
54.9116

■ 71.5887, 64.9850,
64.3701

■ 32.5282, 45.0401,
53.8876

■ 71.7832, 65.0627,
65.3941

■ 30.7900, 44.1642,
52.8973

■ 71.9797, 65.1413,
66.4289

■ 29.5072, 43.5227,
51.9387

■ 72.1782, 65.2208,
67.4746

■ 28.6312, 43.0908,
51.0095

■ 72.3789, 65.3010,
68.5312

■ 28.1009, 42.8368,
50.1068

■ 72.5816, 65.3821,
69.5989

Harmonies

Analogous

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



49.3986, 53.6103, 56.9367



49.3574, 53.6103, 59.3762



49.7407, 53.6103, 61.6068

Triad

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



49.3574, 53.6103, 59.3762



52.0721, 53.6103, 61.9487



51.4622, 53.6103, 53.9838

Complementary

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



49.3574, 53.6103, 59.3762



48.6643, 49.5209, 52.8950

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.



52.1888, 53.6103, 55.2535



49.3574, 53.6103, 59.3762



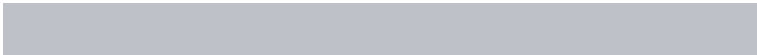
52.5437, 53.6103, 59.8322

Square

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



49.3574, 53.6103, 59.3762



51.3042, 53.6103, 63.1197



52.5867, 53.6103, 57.3802



50.6073, 53.6103, 53.8695

Rectangle

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



49.3574, 53.6103, 59.3762



50.1880, 53.6103, 62.6570



52.5867, 53.6103, 57.3802



51.7298, 53.6103, 54.2880

Sweetspot

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



49.3589, 53.6126, 59.3774



93.1300, 99.0181, 108.4524



48.4491, 53.2820, 53.0791



19.9538, 21.2042, 23.2180



0.0000, 0.0000, 0.0000



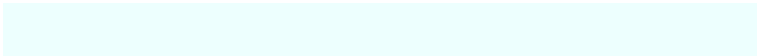
20.3446, 21.4041, 23.3091

Same Dimension

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



49.3589, 53.6126, 59.3774



88.5459, 96.6747, 107.3469



48.4070, 51.5266, 59.6215



10.5225, 11.5113, 12.7946



17.9680, 27.4813, 32.0542



0.7873, 1.1917, 1.4424

Inverse Universe

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



48.6643, 49.5209, 52.8950



87.0947, 88.1261, 93.8036



49.5732, 51.5074, 52.6773



10.3406, 10.4400, 11.0975



14.7029, 7.5709, 1.0817



0.6472, 0.3319, 0.1095

Previews

White Background



This preview shows how the XYZ color 49.3574, 53.6103, 59.3762 looks on a white background.

Color Contrast Check

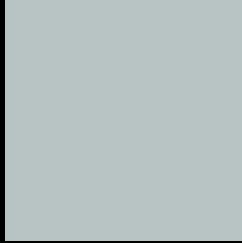
Large Text (above 18pt) WCAG AA × Fail

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 49.3574, 53.6103, 59.3762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

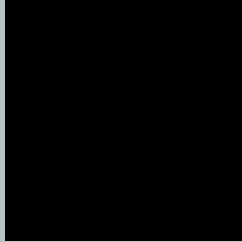
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

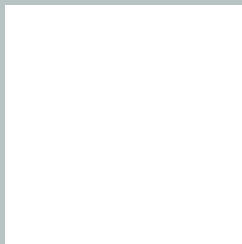
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3574, 53.6103, 59.3762

Background



This preview shows how black text looks on a background with the XYZ color 49.3574, 53.6103, 59.3762.



This preview shows how white text looks on a background with the XYZ color 49.3574, 53.6103,

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

49.3574, 53.6103, 59.3762

Protanopia

51.5012, 53.4198, 58.0487

Deuteranopia

54.4267, 53.2735, 60.2375



Tritanopia

51.0501, 53.6261, 67.9818

Trichromacy



Original Color

49.3574, 53.6103, 59.3762

Protanomaly

50.5458, 53.2414, 58.6515

Deuteranomaly

52.4647, 53.2299, 59.7338

Tritanomaly

50.4218, 53.7041, 64.8352

Monochromacy



Original Color

49.3574, 53.6103, 59.3762

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 49.3574, 53.6103, 59.3762 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, 196, 195) looks like.

```
.text, #text, p{  
    color:rgb(184, 196, 195)  
}
```

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, 196, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 196, 195) }
```

Border

The CSS property to change the border of an element to XYZ 49.3574, 53.6103, 59.3762 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, 196, 195) }
```


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

```
.border{ border-color:rgb(184, 196, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 196, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 196, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 196, 195);  
box-shadow:4px 4px 4px 4px rgb(184, 196,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3574, 53.6103, 59.3762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 196, 195) }
```

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

```
.background{ background-color: rgb(184,  
196, 195) }
```

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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