

Converting Colors

XYZ(49.1479, 49.6240, 54.8863)

Have a look what the booklet for
XYZ(49.1479, 49.6240, 54.8863)
contains.

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Color

**XYZ(49.3518, 49.8254,
55.1603)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B8BD
RGB	197, 184, 189
RGB Percent	77%, 72%, 74%
CMY	0.2274, 0.2784, 0.2588
CMYK	0.00, 0.07, 0.04, 0.23
HSL	337°, 10%, 75%
HSV	337°, 7%, 77%
XYZ	49.3518, 49.8254, 55.1603
YIQ	188.4570, 6.1430, 4.3110

Conversions

Conversions Part 2

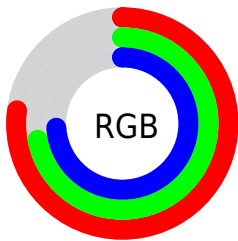
Format	Color
R _Y B	197, 184, 189
Decimal	12957885
CIE Lab	75.96, 5.49, -0.88
CIE LCh	76, 5.558, 350.884
Yxy	49.8254, 0.3198, 0.3228
Android (android.graphics.Color)	4291147965 (0xFFC5B8BD)
YUV	188.4570, 0.2677, 7.4922
Hunter-Lab	70.5871, 1.2729, 3.0788

Details

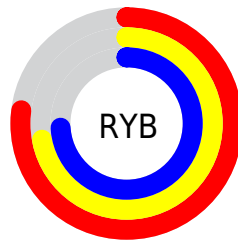
The XYZ color **49.3518, 49.8254, 55.1603** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2498, 53.9300, 57.6856**, and the grayscale version is **48.0571, 50.5599, 55.0597**.

A 20% lighter version of the original color is **88.5146, 89.9836, 99.0895**, and **23.8879, 23.8498, 26.6370** is the 20% darker color. If you saturate the color by 10%, you get **44.2797, 41.6999, 47.2449**, and if you desaturate by 10%, it is **55.1067, 59.1390, 63.8476**.

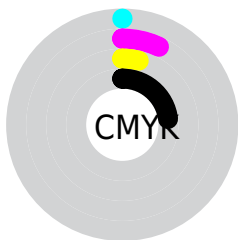
Distribution



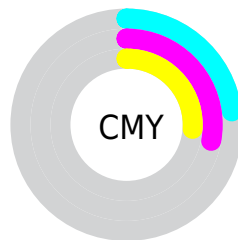
- Red (77%)
- Green (72%)
- Blue (74%)



- Red (77%)
- Yellow (72%)
- Blue (74%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (23%)



- Cyan (23%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 49.3518, 49.8254, 55.1603 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 49.3518, 49.8254, 55.1603 by changing the saturation by 10% instead.

■ 49.3518, 49.8254,
55.1603

■ 49.3518, 49.8254,
55.1603

374.6197,
385.9828, 423.8183

■ 35.1143, 35.2747,
39.1306

■ 88.4113, 89.9161,
99.2493

■ 23.9179, 23.8745,
26.5527

113.9641,
116.2249, 128.1457

■ 15.3971, 15.2406,
17.0081

144.0193,
147.2219, 162.1680

■ 9.1867, 8.9884,
10.0783

178.9423,
183.2914, 201.7349

■ 4.9212, 4.7336,
5.3446

219.0985,
224.8178, 247.2648

■ 2.2354, 2.0918,
2.3886

264.8532,

■ 0.7613, 0.6600,

272.1856, 299.1763

0.7802

316.5718,
325.7791, 357.8880

■ 0.0000, 0.0000,
0.0000

■ 49.3518, 49.8254,
55.1603

■ 49.3518, 49.8254,
55.1603

■ 44.2797, 41.6999,
47.2449

■ 55.1067, 59.1390,
63.8476

■ 39.8601, 34.7081,
40.0761

■ 61.5648, 69.6795,
73.3244

■ 36.0665, 28.8009,
33.6322

■ 68.7508, 81.4915,
83.6121

■ 32.8690, 23.9234,
27.8887

■ 74.1464, 89.5346,
93.8829

■ 30.2354, 20.0154,
22.8200

■ 75.9840, 90.2696,
103.5594

■ 28.1297, 17.0107,
18.3984

■ 76.8363, 90.6105,
108.0476

■ 26.5121, 14.8345,
14.5942

■ 25.3361, 13.3999,
11.3744

■ 24.5421, 12.5932,
8.7007

Harmonies

Analogous

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



48.9200, 49.8254, 57.9309



49.3518, 49.8254, 55.1603



49.2432, 49.8254, 52.2430

Triad

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



49.3518, 49.8254, 55.1603



46.6510, 49.8254, 49.0938



46.1119, 49.8254, 58.7993

Complementary

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



49.3518, 49.8254, 55.1603



49.2498, 53.9300, 57.6856

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.



45.5206, 49.8254, 56.3106



49.3518, 49.8254, 55.1603



45.8287, 49.8254, 50.7311

Square

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



49.3518, 49.8254, 55.1603



47.6739, 49.8254, 48.8111



45.4178, 49.8254, 53.3525



47.0426, 49.8254, 60.0816

Rectangle

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



49.3518, 49.8254, 55.1603



48.8796, 49.8254, 50.6023



45.4178, 49.8254, 53.3525



45.8674, 49.8254, 58.0719

Sweetspot

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



49.3532, 49.8276, 55.1614



92.9432, 96.5885, 105.7246



48.9079, 49.4949, 59.7999



19.9157, 20.7097, 22.6628



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.



49.3532, 49.8276, 55.1614



86.9276, 86.8853, 96.5427



49.0912, 50.1568, 52.4438



10.7998, 10.7033, 11.9291



16.0353, 8.1637, 5.3958



0.7945, 0.4007, 0.4412

Inverse Universe

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



49.3532, 49.8276, 55.1614



86.9276, 86.8853, 96.5427



49.5192, 53.5676, 60.5538



10.7998, 10.7033, 11.9291



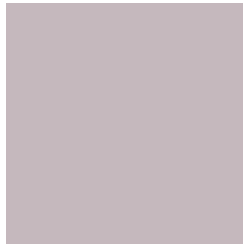
16.0353, 8.1637, 5.3958



0.7945, 0.4007, 0.4412

Previews

White Background



This preview shows how the XYZ color 49.3518, 49.8254, 55.1603 looks on a white background.

Color Contrast Check

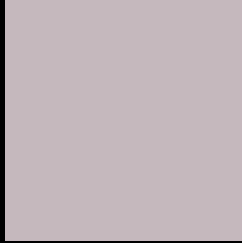
Large Text (above 18pt) WCAG AA × Fail

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 49.3518, 49.8254, 55.1603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

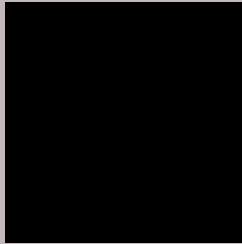
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.3518, 49.8254, 55.1603

Background



This preview shows how black text looks on a background with the XYZ color 49.3518, 49.8254, 55.1603.



This preview shows how white text looks on a background with the XYZ color 49.3518, 49.8254,

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

49.3518, 49.8254, 55.1603

Protanopia

48.0884, 49.7827, 55.7897

Deuteranopia

50.7200, 49.6028, 55.6163



Tritanopia

50.3002, 49.9040, 59.8046

Trichromacy



Original Color

49.3518, 49.8254, 55.1603

Protanomaly

48.6355, 49.7531, 55.7551

Deuteranomaly

50.1096, 49.5911, 55.6462

Tritanomaly

49.9598, 49.7678, 58.0119

Monochromacy



Original Color

49.3518, 49.8254, 55.1603

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.3333, 50.2479, 54.7283

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3518, 49.8254, 55.1603 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(197, 184, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 184, 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(197, 184, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 184, 189) }
```

Border

The CSS property to change the border of an element to XYZ 49.3518, 49.8254, 55.1603 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(197, 184, 189) }
```


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

```
.border{ border-color:rgb(197, 184, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 184, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 184, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 184, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 184,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3518, 49.8254, 55.1603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 184, 189) }
```

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

```
.background{ background-color: rgb(197,  
184, 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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