

Converting Colors

XYZ(54.7033, 54.9440, 69.3370)

Have a look what the booklet for
XYZ(54.7033, 54.9440, 69.3370)
contains.

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Color

**XYZ(54.6949, 54.8199,
69.3266)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C0D3
RGB	201, 192, 211
RGB Percent	79%, 75%, 83%
CMY	0.2118, 0.2470, 0.1725
CMYK	0.05, 0.09, 0.00, 0.17
HSL	268°, 18%, 79%
HSV	268°, 9%, 83%
XYZ	54.6949, 54.8199, 69.3266
YIQ	196.8570, -0.7350, 7.8170

Conversions

Conversions Part 2

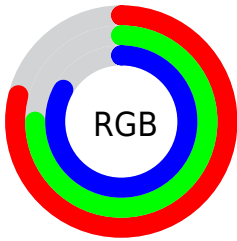
Format	Color
R _Y B	201, 192, 211
Decimal	13222099
CIE Lab	78.94, 6.67, -8.37
CIE LCh	79, 10.706, 308.546
Yxy	54.8199, 0.3058, 0.3065
Android (android.graphics.Color)	4291412179 (0xFFC9C0D3)
YUV	196.8570, 6.9725, 3.6334
Hunter-Lab	74.0405, 2.2901, -3.6869

Details

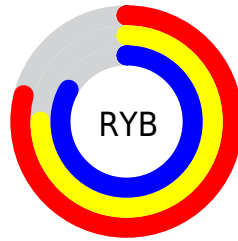
The XYZ color **54.6949, 54.8199, 69.3266** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.1678, 62.9523, 59.0098**, and the grayscale version is **52.9456, 55.7029, 60.6605**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **27.2660, 27.0686, 35.2402** is the 20% darker color. If you saturate the color by 10%, you get **47.5118, 44.7266, 67.7578**, and if you desaturate by 10%, it is **62.7613, 66.3576, 71.1293**.

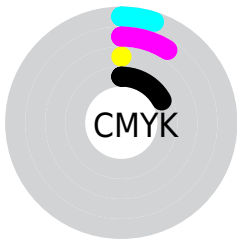
Distribution



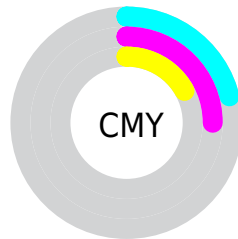
- Red (79%)
- Green (75%)
- Blue (83%)



- Red (79%)
- Yellow (75%)
- Blue (83%)



- Cyan (5%)
- Magenta (9%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (25%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.6949, 54.8199, 69.3266 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 54.6949, 54.8199, 69.3266 by changing the saturation by 10% instead.

■ 54.6949, 54.8199,
69.3266

■ 54.6949, 54.8199,
69.3266

394.9096,
405.2289, 476.9071

■ 39.3904, 39.2575,
50.5043

■ 96.2447, 97.2770,
119.9200

■ 27.2456, 26.9601,
35.4403

123.2207,
124.9406, 152.5283

■ 17.8953, 17.5433,
23.7160

154.8180,
157.4067, 190.5689

■ 10.9741, 10.6226,
14.9128

191.4017,
195.0597, 234.4605

■ 6.1166, 5.8137,
8.6123

233.3374,
238.2840, 284.6216

■ 2.9574, 2.7321,
4.3958

280.9904,

■ 1.1313, 0.9935,

287.4641, 341.4707

1.8449

334.7260,
342.9842, 405.4263

■ 0.0511, 0.0000,
0.4573

■ 0.0000, 0.0000,
0.0000

■ 54.6949, 54.8199,
69.3266

■ 54.6949, 54.8199,
69.3266

■ 47.5118, 44.7266,
67.7578

■ 62.7613, 66.3576,
71.1293

■ 41.1746, 36.0120,
66.4097

■ 71.7371, 79.3878,
73.1713

■ 35.6500, 28.6158,
65.2733

■ 81.5556, 93.7702,
75.4299

■ 30.9006, 22.4703,
64.3374

■ 85.3241, 95.7130,
75.6063

■ 26.8858, 17.5018,
63.5900

■ 88.7580, 97.4832,
75.7670

■ 23.5606, 13.6283,
63.0176

■ 20.8747, 10.7570,
62.6049

■ 18.7692, 8.7785,
62.3340

■ 17.1521, 7.5179,
62.1759

Harmonies

Analogous

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



52.7148, 54.8199, 72.0373



54.6949, 54.8199, 69.3266



56.0044, 54.8199, 64.0767

Triad

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



54.6949, 54.8199, 69.3266



53.6148, 54.8199, 49.4387



48.1641, 54.8199, 61.4471

Complementary

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



54.6949, 54.8199, 69.3266



57.1678, 62.9523, 59.0098

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.



48.3903, 54.8199, 55.5073



54.6949, 54.8199, 69.3266



51.4993, 54.8199, 48.8401

Square

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



54.6949, 54.8199, 69.3266



55.3691, 54.8199, 52.6844



49.5975, 54.8199, 50.9897



48.9711, 54.8199, 67.2897

Rectangle

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



54.6949, 54.8199, 69.3266



56.3009, 54.8199, 59.9872



49.5975, 54.8199, 50.9897



48.1223, 54.8199, 59.3929

Sweetspot

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



54.6965, 54.8222, 69.3278



91.1919, 94.4600, 108.0340



54.6499, 58.2153, 69.9852



19.3027, 19.9090, 23.0754



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.



54.6965, 54.8222, 69.3278



81.5203, 80.6972, 105.8873



57.2919, 56.1602, 69.4493



11.6886, 11.6883, 14.8837



10.3796, 4.5312, 37.5200



0.6717, 0.3004, 2.1022

Inverse Universe

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



56.3762, 55.8148, 63.6818



84.6797, 82.5645, 95.2538



54.7096, 61.6851, 58.8947



12.0650, 11.9107, 13.6180



17.9985, 9.0722, 10.1640



1.0463, 0.5232, 0.7787

Previews

White Background



This preview shows how the XYZ color 54.6949, 54.8199, 69.3266 looks on a white background.

Color Contrast Check

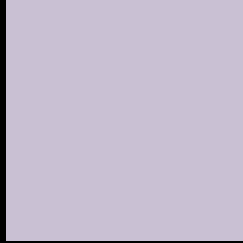
Large Text (above 18pt) WCAG AA × Fail

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 54.6949, 54.8199, 69.3266 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

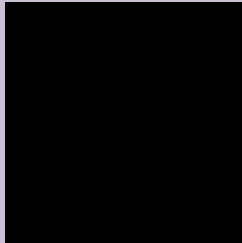
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.6949, 54.8199, 69.3266

Background



This preview shows how black text looks on a background with the XYZ color 54.6949, 54.8199, 69.3266.



This preview shows how white text looks on a background with the XYZ color 54.6949, 54.8199,

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

54.6949, 54.8199, 69.3266

Protanopia

53.4236, 54.8064, 70.0503

Deuteranopia

55.9035, 54.7955, 69.2582



Tritanopia

54.2745, 54.9734, 67.4249

Trichromacy



Original Color

54.6949, 54.8199, 69.3266

Protanomaly

53.9796, 54.7637, 70.0128

Deuteranomaly

55.5655, 54.9439, 69.3046

Tritanomaly

54.3980, 55.0227, 68.0750

Monochromacy



Original Color

54.6949, 54.8199, 69.3266

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

53.4645, 55.3002, 63.7332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.6949, 54.8199, 69.3266 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(201, 192, 211)` looks like.

```
.text, #text, p{  
    color:rgb(201, 192, 211)  
}
```

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(201, 192, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 192, 211) }
```

Border

The CSS property to change the border of an element to XYZ 54.6949, 54.8199, 69.3266 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(201, 192, 211) }
```


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

```
.border{ border-color:rgb(201, 192, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 192, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 192, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 192, 211);  
box-shadow:4px 4px 4px 4px rgb(201, 192,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 54.6949, 54.8199, 69.3266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 192, 211) }
```

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

```
.background{ background-color: rgb(201,  
192, 211) }
```

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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