

Converting Colors

XYZ(54.3523, 48.8365, 73.7892)

Have a look what the booklet for
XYZ(54.3523, 48.8365, 73.7892)
contains.

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Color

**XYZ(54.3081, 48.7033,
73.5562)**

Conversions

Conversions Part 1

Format	Color
Hex	D2ADDB
RGB	210, 173, 219
RGB Percent	82%, 68%, 86%
CMY	0.1765, 0.3215, 0.1412
CMYK	0.04, 0.21, 0.00, 0.14
HSL	288°, 39%, 77%
HSV	288°, 21%, 86%
XYZ	54.3081, 48.7033, 73.5562
YIQ	189.3070, 7.2860, 22.1500

Conversions

Conversions Part 2

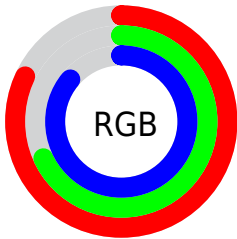
Format	Color
R _Y B	210, 173, 219
Decimal	13807067
CIE Lab	75.27, 21.51, -18.13
CIE LCh	75, 28.135, 319.872
Yxy	48.7033, 0.3076, 0.2758
Android (android.graphics.Color)	4291997147 (0xFFD2ADDB)
YUV	189.3070, 14.6386, 18.1478
Hunter-Lab	69.7877, 16.7783, -13.6402

Details

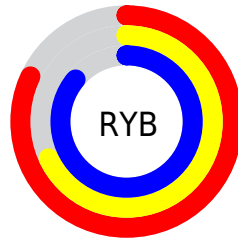
The XYZ color **54.3081, 48.7033, 73.5562** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **52.1676, 63.6266, 49.0693**, and the grayscale version is **48.4627, 50.9865, 55.5243**.

A 20% lighter version of the original color is **87.3093, 84.5186, 106.3198**, and **26.9349, 23.0818, 38.1576** is the 20% darker color. If you saturate the color by 10%, you get **49.2448, 40.3628, 72.2139**, and if you desaturate by 10%, it is **60.0954, 58.4415, 75.1316**.

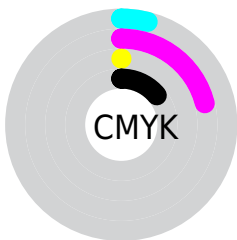
Distribution



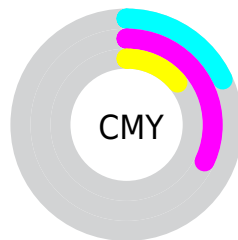
- Red (82%)
- Green (68%)
- Blue (86%)



- Red (82%)
- Yellow (68%)
- Blue (86%)



- Cyan (4%)
- Magenta (21%)
- Yellow (0%)
- Black (14%)



- Cyan (18%)
- Magenta (32%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3081, 48.7033, 73.5562 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 54.3081, 48.7033, 73.5562 by changing the saturation by 10% instead.

■ 54.3081, 48.7033,
73.5562

■ 54.3081, 48.7033,
73.5562

393.4630,
381.5731, 492.0626

■ 39.0797, 34.3842,
53.9363

■ 95.6807, 88.2506,
125.9947

■ 27.0027, 23.1889,
38.1579

122.5556,
114.2476, 159.6504

■ 17.7119, 14.7330,
25.8025

154.0434,
144.9060, 198.8218

■ 10.8418, 8.6322,
16.4515

190.5095,
180.6103, 243.9273

■ 6.0270, 4.5021,
9.6864

232.3191,
221.7447, 295.3857

■ 2.9023, 1.9582,
5.0887

279.8376,

■ 1.1023, 0.5830,

268.6937, 353.6153

2.2397

333.4305,
321.8417, 419.0348

■ 0.0271, 0.0000,
0.6972

■ 0.0000, 0.0000,
0.0000

■ 54.3081, 48.7033,
73.5562

■ 54.3081, 48.7033,
73.5562

■ 49.2448, 40.3628,
72.2139

■ 60.0954, 58.4415,
75.1316

■ 44.8671, 33.3464,
71.0903

■ 66.6336, 69.6335,
76.9472

■ 41.1402, 27.5836,
70.1745

■ 73.9538, 82.3402,
79.0141

■ 38.0238, 22.9947,
69.4529

■ 80.2695, 92.9884,
80.7365

35.4733, 19.4904,
68.9110

81.6391, 93.6945,
80.8006

33.4374, 16.9689,
68.5316

83.0426, 94.4180,
80.8663

31.8552, 15.3086,
68.2945

84.4803, 95.1592,
80.9336

30.7251, 14.3623,
68.1714

85.9522, 95.9180,
81.0025

87.4588, 96.6947,
81.0730

Harmonies

Analogous

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



49.7499, 48.7033, 84.5314



54.3081, 48.7033, 73.5562



56.7730, 48.7033, 58.1906

Triad

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



54.3081, 48.7033, 73.5562



48.0597, 48.7033, 29.6673



37.5644, 48.7033, 63.2982

Complementary

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



54.3081, 48.7033, 73.5562



52.1676, 63.6266, 49.0693

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.



37.1858, 48.7033, 48.1832



54.3081, 48.7033, 73.5562



42.9963, 48.7033, 30.5245

Square

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



54.3081, 48.7033, 73.5562



52.9919, 48.7033, 34.1182



39.1045, 48.7033, 36.7282



40.1803, 48.7033, 77.8878

Rectangle

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



54.3081, 48.7033, 73.5562



56.7818, 48.7033, 48.3008



39.1045, 48.7033, 36.7282



37.1792, 48.7033, 58.0574

Sweetspot

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



54.3096, 48.7054, 73.5573



89.2690, 90.0603, 107.2861



46.7908, 47.5389, 73.7284



18.9777, 19.0550, 22.9277



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.



54.3096, 48.7054, 73.5573



73.5344, 63.5613, 103.0006



55.2021, 49.3668, 64.5050



13.3518, 13.1395, 16.4846



18.3081, 8.5624, 40.4262



1.2512, 0.5883, 2.6220

Inverse Universe

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



52.6022, 48.3268, 50.8140



70.7913, 62.9771, 65.3776



51.5151, 63.1279, 56.3734



13.1597, 13.0930, 14.1020



17.6099, 9.0450, 2.3256



1.1714, 0.5982, 0.3116

Previews

White Background



This preview shows how the XYZ color 54.3081, 48.7033, 73.5562 looks on a white background.

Color Contrast Check

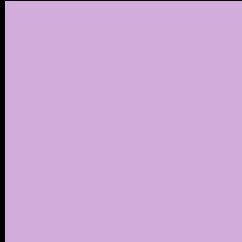
Large Text (above 18pt) WCAG AA × Fail

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 54.3081, 48.7033, 73.5562 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 54.3081, 48.7033, 73.5562

Background



This preview shows how black text looks on a background with the XYZ color 54.3081, 48.7033, 73.5562.



This preview shows how white text looks on a background with the XYZ color 54.3081, 48.7033,

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

54.3081, 48.7033, 73.5562

Protanopia

48.7725, 49.0021, 78.8393

Deuteranopia

49.7873, 48.7489, 72.4310



Tritanopia

50.8884, 48.7684, 56.6003

Trichromacy



Original Color

54.3081, 48.7033, 73.5562

Protanomaly

50.3796, 48.6616, 76.5494

Deuteranomaly

51.3402, 48.6385, 73.0119

Tritanomaly

51.9181, 48.5803, 62.5177

Monochromacy



Original Color

54.3081, 48.7033, 73.5562

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

50.3848, 49.9074, 61.6211

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3081, 48.7033, 73.5562 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(210, 173, 219)` looks like.

```
.text, #text, p{  
    color:rgb(210, 173, 219)  
}
```

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(210, 173, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 173, 219) }
```

Border

The CSS property to change the border of an element to XYZ 54.3081, 48.7033, 73.5562 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(210, 173, 219) }
```


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

```
.border{ border-color:rgb(210, 173, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 173, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 173, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 173, 219);  
box-shadow:4px 4px 4px 4px rgb(210, 173,  
219) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3081, 48.7033, 73.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 173, 219) }
```

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

```
.background{ background-color: rgb(210,  
173, 219) }
```

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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