

Converting Colors

XYZ(50.7124, 48.8094, 50.6791)

Have a look what the booklet for
XYZ(50.7124, 48.8094, 50.6791)
contains.

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Color

**XYZ(50.5554, 48.7323,
50.4578)**

Conversions

Conversions Part 1

Format	Color
Hex	D1B2B5
RGB	209, 178, 181
RGB Percent	82%, 70%, 71%
CMY	0.1804, 0.3019, 0.2902
CMYK	0.00, 0.15, 0.13, 0.18
HSL	354°, 25%, 76%
HSV	354°, 15%, 82%
XYZ	50.5554, 48.7323, 50.4578
YIQ	187.6110, 17.5130, 7.5050

Conversions

Conversions Part 2

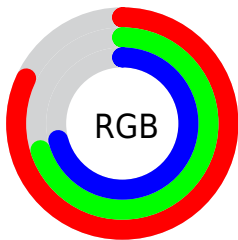
Format	Color
R_{YB}	209, 178, 181
Decimal	13742773
CIE _{Lab}	75.28, 11.65, 2.62
CIE _{LCh}	75, 11.939, 12.663
Yxy	48.7323, 0.3376, 0.3254
Android (android.graphics.Color)	4291932853 (0xFFD1B2B5)
YUV	187.6110, -3.2592, 18.7582
Hunter-Lab	69.8085, 7.1050, 6.0110

Details

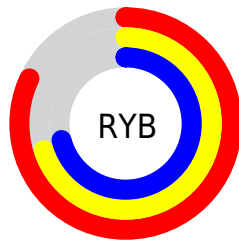
The XYZ color **50.5554, 48.7323, 50.4578** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.3031, 59.5234, 67.1279**, and the grayscale version is **47.5914, 50.0699, 54.5261**.

A 20% lighter version of the original color is **85.9489, 86.2201, 92.2329**, and **24.5563, 23.0958, 23.5857** is the 20% darker color. If you saturate the color by 10%, you get **44.9019, 40.3179, 39.6546**, and if you desaturate by 10%, it is **57.1078, 58.5232, 62.8569**.

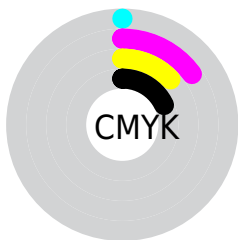
Distribution



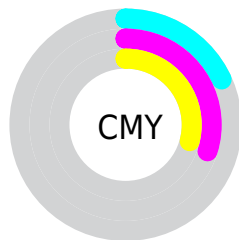
- Red (82%)
- Green (70%)
- Blue (71%)



- Red (82%)
- Yellow (70%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (18%)





- Cyan (18%)
- Magenta (30%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5554, 48.7323, 50.4578 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 50.5554, 48.7323, 50.4578 by changing the saturation by 10% instead.


 50.5554, 48.7323,
50.4578

 50.5554, 48.7323,
50.4578


379.2501,
381.6875, 405.2398

 36.0745, 34.4072,
35.4036


 90.1841, 88.2937,
92.2561

 24.6621, 23.2066,
23.6879


116.0627,
114.2988, 119.8372

 15.9529, 14.7461,
14.8922


146.4712,
144.9660, 152.4310

 9.5815, 8.6414,
8.5980

181.7750,
180.6797, 190.4561

 5.1825, 4.5080,
4.3867

222.3394,
221.8243, 234.3310

 2.3906, 1.9616,
1.8398

268.5298,

 0.8404, 0.5850,

268.7842, 284.4742

0.4540

320.7116,
321.9438, 341.3043

■ 0.0000, 0.0000,
0.0000

■ 50.5554, 48.7323,
50.4578

■ 50.5554, 48.7323,
50.4578

■ 44.9019, 40.3179,
39.6546

■ 57.1078, 58.5232,
62.8569

■ 40.1040, 33.2120,
30.3796

■ 64.5915, 69.7415,
76.9100

■ 36.1213, 27.3509,
22.5645

■ 73.0427, 82.4436,
92.6757

■ 32.9082, 22.6629,
16.1349

■ 80.1047, 92.2954,
108.2006

■ 30.4147, 19.0687,
11.0095

■ 28.5848, 16.4797,
7.0989

■ 27.3544, 14.7930,
4.3020

■ 26.6461, 13.8839,
2.5013

■ 26.4228, 13.6067,
1.9051

Harmonies

Analogous

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



50.4611, 48.7323, 56.7415



50.5554, 48.7323, 50.4578



49.4888, 48.7323, 45.2913

Triad

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



50.5554, 48.7323, 50.4578



43.5196, 48.7323, 44.6677



45.0735, 48.7323, 65.4428

Complementary

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



50.5554, 48.7323, 50.4578



52.3031, 59.5234, 67.1279

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.



43.2867, 48.7323, 61.6724



50.5554, 48.7323, 50.4578



42.4092, 48.7323, 49.5436

Square

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



50.5554, 48.7323, 50.4578



45.4004, 48.7323, 42.1300



42.3254, 48.7323, 55.7526



47.2491, 48.7323, 65.7364

Rectangle

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



50.5554, 48.7323, 50.4578



48.2819, 48.7323, 43.0410



42.3254, 48.7323, 55.7526



44.4092, 48.7323, 64.5271

Sweetspot

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



50.5568, 48.7345, 50.4588



90.4336, 93.0846, 100.2174



52.8563, 49.5540, 67.1012



19.1765, 19.6544, 21.1114



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.



50.5568, 48.7345, 50.4588



76.1435, 71.7414, 73.1430



52.8321, 53.7719, 49.7166



11.8545, 11.8265, 12.5096



16.3079, 8.3960, 1.2619



0.9281, 0.4760, 0.1562

Inverse Universe

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



50.5568, 48.7345, 50.4588



76.1435, 71.7414, 73.1430



49.7461, 53.8213, 68.0888



11.8545, 11.8265, 12.5096



16.3079, 8.3960, 1.2619



0.9281, 0.4760, 0.1562

Previews

White Background



This preview shows how the XYZ color 50.5554, 48.7323, 50.4578 looks on a white background.

Color Contrast Check

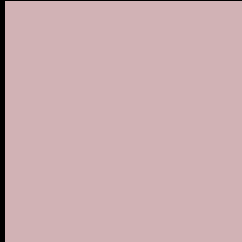
Large Text (above 18pt) WCAG AA × Fail

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 50.5554, 48.7323, 50.4578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

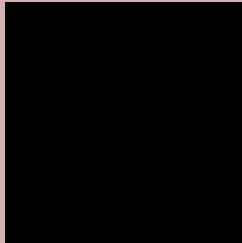
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5554, 48.7323, 50.4578

Background



This preview shows how black text looks on a background with the XYZ color 50.5554, 48.7323, 50.4578.



This preview shows how white text looks on a background with the XYZ color 50.5554, 48.7323,

50.4578.

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

50.5554, 48.7323, 50.4578

Protanopia

47.0922, 49.0195, 52.8786

Deuteranopia

49.6374, 48.5555, 50.4720



Tritanopia

51.5947, 48.8636, 55.4275

Trichromacy



Original Color

50.5554, 48.7323, 50.4578

Protanomaly

48.1446, 48.6524, 52.2007

Deuteranomaly

49.9142, 48.6982, 50.4850

Tritanomaly

51.2701, 48.7338, 53.7180

Monochromacy



Original Color

50.5554, 48.7323, 50.4578

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

48.6624, 49.5195, 52.8924

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5554, 48.7323, 50.4578 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(209, 178, 181)` looks like.

```
.text, #text, p{  
    color:rgb(209, 178, 181)  
}
```

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(209, 178, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 178, 181) }
```

Border

The CSS property to change the border of an element to XYZ 50.5554, 48.7323, 50.4578 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(209, 178, 181) }
```


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

```
.border{ border-color:rgb(209, 178, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 178, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 178, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 178, 181);  
box-shadow:4px 4px 4px 4px rgb(209, 178,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5554, 48.7323, 50.4578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 178, 181) }
```

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

```
.background{ background-color: rgb(209,  
178, 181) }
```

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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