

Converting Colors

XYZ(54.2760, 50.2532, 49.8353)

Have a look what the booklet for
XYZ(54.2760, 50.2532, 49.8353)
contains.

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Color

**XYZ(54.3918, 50.4275,
50.0467)**

Conversions

Conversions Part 1

Format	Color
Hex	DFB1B4
RGB	223, 177, 180
RGB Percent	87%, 69%, 71%
CMY	0.1255, 0.3059, 0.2941
CMYK	0.00, 0.21, 0.19, 0.13
HSL	356°, 42%, 78%
HSV	356°, 21%, 87%
XYZ	54.3918, 50.4275, 50.0467
YIQ	191.0960, 26.4530, 10.6850

Conversions

Conversions Part 2

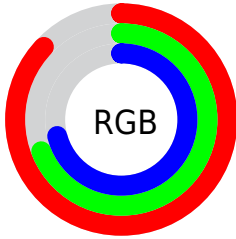
Format	Color
R _Y B	223, 177, 180
Decimal	14660020
CIE Lab	76.33, 17.14, 4.84
CIE LCh	76, 17.808, 15.781
Yxy	50.4275, 0.3512, 0.3256
Android (android.graphics.Color)	4292850100 (0xFFDFB1B4)
YUV	191.0960, -5.4703, 27.9798
Hunter-Lab	71.0123, 12.4503, 7.9234

Details

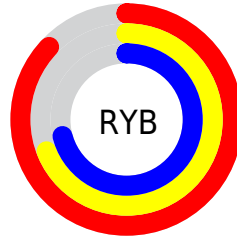
The XYZ color **54.3918, 50.4275, 50.0467** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.4395, 67.2911, 77.6746**, and the grayscale version is **49.5980, 52.1810, 56.8251**.

A 20% lighter version of the original color is **85.5192, 85.5940, 91.3708**, and **26.9748, 24.1631, 23.3209** is the 20% darker color. If you saturate the color by 10%, you get **48.3754, 41.5413, 38.3394**, and if you desaturate by 10%, it is **61.4502, 60.8855, 63.6784**.

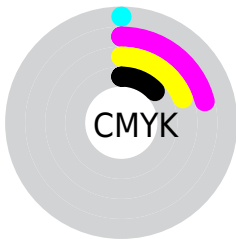
Distribution



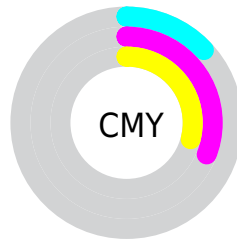
- Red (87%)
- Green (69%)
- Blue (71%)



- Red (87%)
- Yellow (69%)
- Blue (71%)



- Cyan (0%)
- Magenta (21%)
- Yellow (19%)
- Black (13%)





- Cyan (13%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3918, 50.4275, 50.0467 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 54.3918, 50.4275, 50.0467 by changing the saturation by 10% instead.


 54.3918, 50.4275,
50.0467

 54.3918, 50.4275,
50.0467


393.7763,
388.3354, 403.5888

 39.1469, 35.7532,
35.0791

 95.8028, 90.8080,
91.6411

 27.0553, 24.2436,
23.4397

122.6996,
117.2829, 119.1049

 17.7515, 15.5145,
14.7102


154.2111,
148.4602, 151.5712

 10.8704, 9.1812,
8.4719

190.7027,
184.7242, 189.4585

 6.0464, 4.8596,
4.3063

232.5396,
226.4593, 233.1854

 2.9142, 2.1651,
1.7948

280.0873,

 1.1086, 0.7009,

274.0500, 283.1704

0.4245

333.7111,
327.8805, 339.8320

■ 0.0323, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3918, 50.4275,
50.0467

■ 54.3918, 50.4275,
50.0467

■ 48.3754, 41.5413,
38.3394

■ 61.4502, 60.8855,
63.6784

■ 43.3476, 34.1446,
28.4670

■ 69.5924, 72.9789,
79.3125

■ 39.2569, 28.1578,
20.3372

■ 78.8628, 86.7762,
97.0263

■ 36.0450, 23.4914,
13.8489

■ 84.2417, 94.4281,
108.3942

■ 33.6474, 20.0454,
8.8902

■ 31.9906, 17.7058,
5.3353

■ 30.9878, 16.3368,
3.0386

■ 30.5145, 15.7213,
1.8606

Harmonies

Analogous

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



54.4412, 50.4275, 59.5587



54.3918, 50.4275, 50.0467



52.5585, 50.4275, 42.7315

Triad

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



54.3918, 50.4275, 50.0467



43.4650, 50.4275, 43.0326



46.3667, 50.4275, 74.7760

Complementary

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



54.3918, 50.4275, 50.0467



57.4395, 67.2911, 77.6746

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.



43.5812, 50.4275, 69.1999



54.3918, 50.4275, 50.0467



41.9595, 50.4275, 50.5040

Square

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



54.3918, 50.4275, 50.0467



46.2013, 50.4275, 39.0152



42.0011, 50.4275, 60.0722



49.7010, 50.4275, 74.6164

Rectangle

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



54.3918, 50.4275, 50.0467



50.6180, 50.4275, 39.7584



42.0011, 50.4275, 60.0722



45.3385, 50.4275, 73.4844

Sweetspot

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



54.3932, 50.4298, 50.0477



88.1437, 89.7364, 95.6568



58.5379, 51.9795, 76.7604



18.7126, 18.9789, 20.1791



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.



54.3932, 50.4298, 50.0477



69.8213, 62.5891, 60.2695



58.3199, 58.7664, 49.8670



13.7433, 13.7149, 14.4182



17.9563, 9.2495, 1.1697



1.2575, 0.6463, 0.1491

Inverse Universe

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



54.3932, 50.4298, 50.0477



69.8213, 62.5891, 60.2695



52.8244, 57.4201, 78.1116



13.7433, 13.7149, 14.4182



17.9563, 9.2495, 1.1697



1.2575, 0.6463, 0.1491

Previews

White Background



This preview shows how the XYZ color 54.3918, 50.4275, 50.0467 looks on a white background.

Color Contrast Check

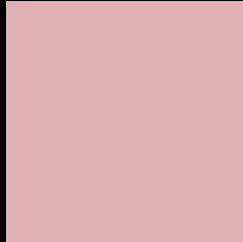
Large Text (above 18pt) WCAG AA × Fail

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 54.3918, 50.4275, 50.0467 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 54.3918, 50.4275, 50.0467

Background



This preview shows how black text looks on a background with the XYZ color 54.3918, 50.4275, 50.0467.



This preview shows how white text looks on a background with the XYZ color 54.3918, 50.4275,

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

54.3918, 50.4275, 50.0467

Protanopia

48.5844, 50.7181, 53.6833

Deuteranopia

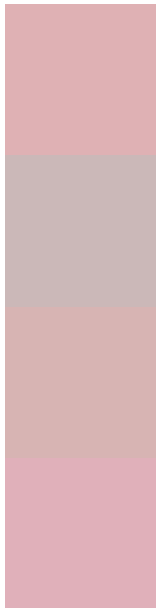
51.4430, 50.4122, 49.6670



Tritanopia

55.4511, 50.5721, 54.9829

Trichromacy



Original Color

54.3918, 50.4275, 50.0467

Protanomaly

50.4208, 50.4382, 52.4255

Deuteranomaly

52.4823, 50.3443, 49.5991

Tritanomaly

55.1287, 50.4431, 53.2853

Monochromacy



Original Color

54.3918, 50.4275, 50.0467

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.1571, 51.4022, 54.2390

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3918, 50.4275, 50.0467 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(223, 177, 180)` looks like.

```
.text, #text, p{  
    color:rgb(223, 177, 180)  
}
```

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(223, 177, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 177, 180) }
```

Border

The CSS property to change the border of an element to XYZ 54.3918, 50.4275, 50.0467 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(223, 177, 180) }
```


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

```
.border{ border-color:rgb(223, 177, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 177, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 177, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 177, 180);  
box-shadow:4px 4px 4px 4px rgb(223, 177,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3918, 50.4275, 50.0467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 177, 180) }
```

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

```
.background{ background-color: rgb(223,  
177, 180) }
```

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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