

Converting Colors

XYZ(49.8954, 43.3567, 38.5696)

Have a look what the booklet for
XYZ(49.8954, 43.3567, 38.5696)
contains.

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Color

**XYZ(50.0202, 43.4682,
38.5547)**

Conversions

Conversions Part 1

Format	Color
Hex	E29F9F
RGB	226, 159, 159
RGB Percent	89%, 62%, 62%
CMY	0.1137, 0.3764, 0.3765
CMYK	0.00, 0.30, 0.30, 0.11
HSL	0°, 54%, 75%
HSV	0°, 30%, 89%
XYZ	50.0202, 43.4682, 38.5547
YIQ	179.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

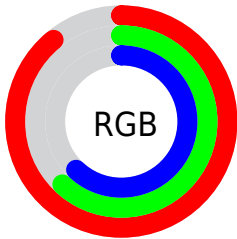
Format	Color
R _Y B	226, 159, 159
Decimal	14851999
CIE Lab	71.87, 24.92, 10.01
CIE LCh	72, 26.860, 21.880
Yxy	43.4682, 0.3788, 0.3292
Android (android.graphics.Color)	4293042079 (0xFFE29F9F)
YUV	179.0330, -9.8763, 41.1901
Hunter-Lab	65.9304, 20.0464, 11.4798

Details

The XYZ color **50.0202, 43.4682, 38.5547** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2211, 67.2525, 82.0224**, and the grayscale version is **42.9024, 45.1366, 49.1538**.

A 20% lighter version of the original color is **77.4242, 74.2082, 73.8612**, and **24.3267, 20.0331, 16.7720** is the 20% darker color. If you saturate the color by 10%, you get **44.6983, 35.6810, 27.9735**, and if you desaturate by 10%, it is **56.4135, 52.8237, 51.2628**.

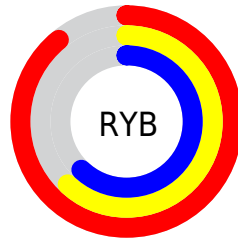
Distribution



Red (89%)

Green (62%)

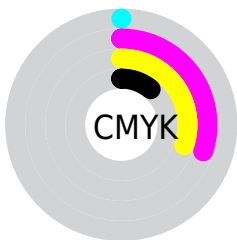
Blue (62%)



Red (89%)

Yellow (62%)

Blue (62%)

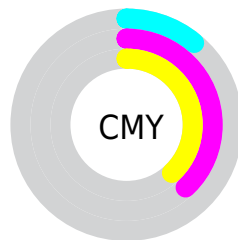


Cyan (0%)

Magenta (30%)

Yellow (30%)

Black (11%)



Cyan (11%)


Magenta (38%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.0202, 43.4682, 38.5547 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 50.0202, 43.4682, 38.5547 by changing the saturation by 10% instead.


 50.0202, 43.4682,
38.5547


 50.0202, 43.4682,
38.5547


377.1956,
360.5337, 355.3628

 35.6473, 30.2526,
26.1083


 89.3964, 80.4169,
74.1704

 24.3308, 20.0304,
16.6782


 115.1305,
104.9189, 98.1768

 15.7052, 12.4172,
9.8458


145.3824,
133.9517, 126.8736

 9.4053, 7.0285,
5.1926

180.5173,
167.8999, 160.6793

 5.0657, 3.4799,
2.3000

220.9008,
207.1478, 200.0126

 2.3210, 1.3871,
0.7312

266.8981,

 0.8054, 0.2072,

252.0798, 245.2919

0.0000

318.8746,
303.0803, 296.9358

■ 0.0000, 0.0000,
0.0000

■ 50.0202, 43.4682,
38.5547

■ 50.0202, 43.4682,
38.5547

■ 44.6983, 35.6810,
27.9735

■ 56.4135, 52.8237,
51.2628

■ 40.3858, 29.3707,
19.4008

■ 63.9285, 63.8202,
66.2025

■ 37.0202, 24.4458,
12.7104

■ 72.6166, 76.5334,
83.4744

■ 34.5303, 20.8022,
7.7608

■ 82.5251, 91.0322,
103.1724

■ 32.8348, 18.3211,
4.3906

■ 85.1742, 94.9088,
108.4378

■ 31.8376, 16.8617,
2.4084

■ 31.3774, 16.1883,
1.4939

■ 31.3643, 16.1691,
1.4679

Harmonies

Analogous

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



50.6419, 43.4682, 50.9749



50.0202, 43.4682, 38.5547



46.9821, 43.4682, 30.1594

Triad

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



50.0202, 43.4682, 38.5547



34.7789, 43.4682, 33.4287



40.0861, 43.4682, 76.8795

Complementary

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



50.0202, 43.4682, 38.5547



55.2211, 67.2525, 82.0224

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.



36.1234, 43.4682, 70.0239



50.0202, 43.4682, 38.5547



33.2103, 43.4682, 43.8621

Square

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



50.0202, 43.4682, 38.5547



38.1255, 43.4682, 27.6023



33.6837, 43.4682, 57.3438



44.6781, 43.4682, 74.7427

Rectangle

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



50.0202, 43.4682, 38.5547



44.1096, 43.4682, 27.2099



33.6837, 43.4682, 57.3438



38.6414, 43.4682, 75.5114

Sweetspot

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



50.0214, 43.4703, 38.5556



84.6837, 84.8313, 88.2919



57.4900, 46.4565, 77.8888



17.7929, 17.6702, 18.2363



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.



50.0214, 43.4703, 38.5556



61.0026, 50.1792, 41.2147



56.5820, 56.5916, 40.7425



13.7074, 13.7007, 14.2288



17.8933, 9.2245, 0.8374



1.2403, 0.6394, 0.0581

Inverse Universe

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



55.2211, 67.2525, 82.0224



68.9533, 86.5437, 107.6781



46.9856, 50.7816, 79.2772



14.1166, 15.5722, 17.6494



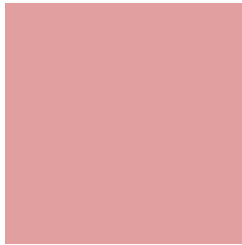
23.3447, 34.1590, 46.4113



1.6182, 2.3678, 3.2170

Previews

White Background



This preview shows how the XYZ color 50.0202, 43.4682, 38.5547 looks on a white background.

Color Contrast Check

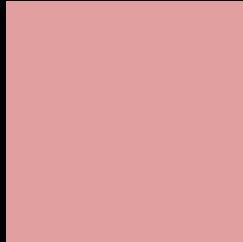
Large Text (above 18pt) WCAG AA × Fail

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 50.0202, 43.4682, 38.5547 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

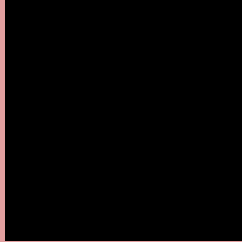
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.0202, 43.4682, 38.5547

Background



This preview shows how black text looks on a background with the XYZ color 50.0202, 43.4682, 38.5547.



This preview shows how white text looks on a background with the XYZ color 50.0202, 43.4682,

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

50.0202, 43.4682, 38.5547

Protanopia

41.8846, 43.8229, 43.2969

Deuteranopia

44.5479, 43.6013, 37.9662



Tritanopia

50.8970, 43.3094, 43.2131

Trichromacy



Original Color

50.0202, 43.4682, 38.5547

Protanomaly

44.4550, 43.4718, 41.6452

Deuteranomaly

46.3861, 43.4427, 38.2882

Tritanomaly

50.6969, 43.5012, 41.3219

Monochromacy



Original Color

50.0202, 43.4682, 38.5547

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

44.9639, 44.2194, 45.1951

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.0202, 43.4682, 38.5547 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(226, 159, 159)` looks like.

```
.text, #text, p{  
    color:rgb(226, 159, 159)  
}
```

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(226, 159, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 159, 159) }
```

Border

The CSS property to change the border of an element to XYZ 50.0202, 43.4682, 38.5547 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(226, 159, 159) }
```


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

```
.border{ border-color:rgb(226, 159, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 159, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 159, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 159, 159);  
box-shadow:4px 4px 4px 4px rgb(226, 159,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 50.0202, 43.4682, 38.5547 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 159, 159) }
```

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

```
.background{ background-color: rgb(226,  
159, 159) }
```

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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