

Converting Colors

XYZ(55.0614, 50.5761, 48.9337)

Have a look what the booklet for
XYZ(55.0614, 50.5761, 48.9337)
contains.

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Color

**XYZ(54.9252, 50.4338,
48.9593)**

Conversions

Conversions Part 1

Format	Color
Hex	E2B0B2
RGB	226, 176, 178
RGB Percent	89%, 69%, 70%
CMY	0.1137, 0.3098, 0.3020
CMYK	0.00, 0.22, 0.21, 0.11
HSL	358°, 46%, 79%
HSV	358°, 22%, 89%
XYZ	54.9252, 50.4338, 48.9593
YIQ	191.1780, 29.1580, 11.2220

Conversions

Conversions Part 2

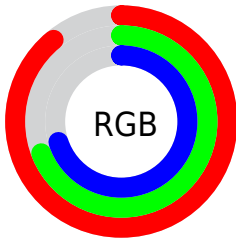
Format	Color
R_{YB}	226, 176, 178
Decimal	14856370
CIE _{Lab}	76.33, 18.47, 5.98
CIE _{LCh}	76, 19.415, 17.926
Y _{xy}	50.4338, 0.3559, 0.3268
Android (android.graphics.Color)	4293046450 (0xFFE2B0B2)
YUV	191.1780, -6.4968, 30.5389
Hunter-Lab	71.0168, 13.7747, 8.8369

Details

The XYZ color **54.9252, 50.4338, 48.9593** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **58.5574, 69.0057, 80.7575**, and the grayscale version is **49.6503, 52.2360, 56.8850**.

A 20% lighter version of the original color is **84.9479, 84.9137, 89.7547**, and **27.3622, 24.1926, 22.6295** is the 20% darker color. If you saturate the color by 10%, you get **48.8483, 41.4949, 37.0220**, and if you desaturate by 10%, it is **62.0871, 60.9905, 62.9595**.

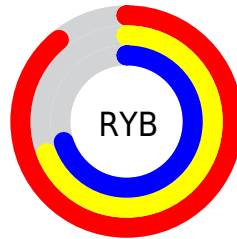
Distribution



Red (89%)

Green (69%)

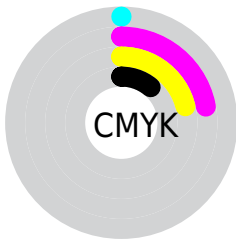
Blue (70%)



Red (89%)

Yellow (69%)

Blue (70%)

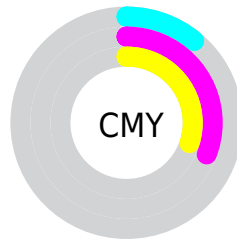


Cyan (0%)

Magenta (22%)

Yellow (21%)

Black (11%)



Cyan (11%)

Magenta (31%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.9252, 50.4338, 48.9593 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 54.9252, 50.4338, 48.9593 by changing the saturation by 10% instead.


 54.9252, 50.4338,
48.9593

 54.9252, 50.4338,
48.9593


395.7694,
388.3599, 399.1999

 39.5754, 35.7582,
34.2218


 96.5803, 90.8173,
90.0114

 27.3904, 24.2475,
22.7853


123.6164,
117.2940, 117.1630

 18.0048, 15.5173,
14.2313

155.2786,
148.4731, 149.2898

 11.0531, 9.1833,
8.1411

191.9323,
184.7392, 186.8103

 6.1701, 4.8609,
4.0963

233.9429,
226.4765, 230.1430

 2.9904, 2.1659,
1.6783

281.6757,

 1.1487, 0.7013,

274.0694, 279.7065

0.3458

335.4961,
327.9025, 335.9193

■ 0.0653, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.9252, 50.4338,
48.9593

■ 54.9252, 50.4338,
48.9593

■ 48.8483, 41.4949,
37.0220

■ 62.0871, 60.9905,
62.9595

■ 43.7998, 34.0874,
27.0473

■ 70.3791, 73.2321,
79.1102

■ 39.7238, 28.1275,
18.9309

■ 79.8484, 87.2302,
97.4980

■ 36.5579, 23.5205,
12.5581

■ 85.1741, 94.9088,
108.4378

■ 34.2321, 20.1605,
7.8010

■ 32.6663, 17.9257,
4.5145

■ 31.7650, 16.6702,
2.5275

■ 31.4135, 16.1886,
1.7281

Harmonies

Analogous

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



55.1284, 50.4338, 59.2247



54.9252, 50.4338, 48.9593



52.7921, 50.4338, 41.3098

Triad

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



54.9252, 50.4338, 48.9593



42.9148, 50.4338, 42.5210



46.4833, 50.4338, 76.9969

Complementary

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



54.9252, 50.4338, 48.9593



58.5574, 69.0057, 80.7575

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.



43.3869, 50.4338, 71.2179



54.9252, 50.4338, 48.9593



41.3977, 50.4338, 50.8174

Square

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



54.9252, 50.4338, 48.9593



45.8089, 50.4338, 37.9301



41.5660, 50.4338, 61.3326



50.1276, 50.4338, 76.3339

Rectangle

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



54.9252, 50.4338, 48.9593



50.6209, 50.4338, 38.3202



41.5660, 50.4338, 61.3326



45.3474, 50.4338, 75.7159

Sweetspot

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



54.9266, 50.4361, 48.9603



86.9801, 88.0802, 93.1999



59.8399, 52.3115, 78.8949



18.4760, 18.6442, 19.6733



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.



54.9266, 50.4361, 48.9603



68.0048, 60.1107, 56.1045



59.5105, 59.9222, 49.5069



13.7293, 13.7094, 14.3447



17.9317, 9.2397, 1.0400



1.2509, 0.6436, 0.1138

Inverse Universe

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



54.9266, 50.4361, 48.9603



68.0048, 60.1107, 56.1045



53.1082, 57.6715, 80.2843



13.7293, 13.7094, 14.3447



17.9317, 9.2397, 1.0400



1.2509, 0.6436, 0.1138

Previews

White Background



This preview shows how the XYZ color 54.9252, 50.4338, 48.9593 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 54.9252, 50.4338, 48.9593 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

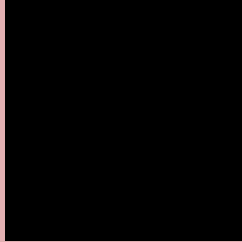
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.9252, 50.4338, 48.9593

Background



This preview shows how black text looks on a background with the XYZ color 54.9252, 50.4338, 48.9593.



This preview shows how white text looks on a background with the XYZ color 54.9252, 50.4338,

48.9593.

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

54.9252, 50.4338, 48.9593

Protanopia

48.6273, 50.7646, 52.5830

Deuteranopia

51.5277, 50.4791, 48.6226



Tritanopia

55.8917, 50.2338, 54.3272

Trichromacy



Original Color

54.9252, 50.4338, 48.9593

Protanomaly

50.7608, 50.6375, 51.3546

Deuteranomaly

52.5760, 50.4158, 48.5551

Tritanomaly

55.6603, 50.4515, 52.1519

Monochromacy



Original Color

54.9252, 50.4338, 48.9593

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

51.3237, 51.5004, 53.6899

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.9252, 50.4338, 48.9593 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, 176, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 176, 178)  
}
```

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, 176, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 176, 178) }
```

Border

The CSS property to change the border of an element to XYZ 54.9252, 50.4338, 48.9593 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, 176, 178) }
```


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

```
.border{ border-color:rgb(226, 176, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 176, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 176, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 176, 178);  
box-shadow:4px 4px 4px 4px rgb(226, 176,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 54.9252, 50.4338, 48.9593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 176, 178) }
```

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

```
.background{ background-color: rgb(226,  
176, 178) }
```

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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