

Converting Colors

XYZ(60.4542, 60.5552, 50.6215)

Have a look what the booklet for
XYZ(60.4542, 60.5552, 50.6215)
contains.

XYZ(60.4542, 60.5552, 50.6215)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(60.4542, 60.5552,
50.6215)**

Conversions

Conversions Part 1

Format	Color
Hex	E4C7B2
RGB	228, 199, 178
RGB Percent	89%, 78%, 70%
CMY	0.1059, 0.2196, 0.3020
CMYK	0.00, 0.13, 0.22, 0.11
HSL	25°, 48%, 80%
HSV	25°, 22%, 89%
XYZ	60.4542, 60.5552, 50.6215
YIQ	205.2770, 24.0250, -0.3830

Conversions

Conversions Part 2

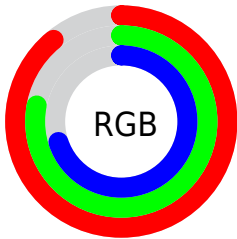
Format	Color
R _Y B	228, 214, 178
Decimal	14993330
CIE Lab	82.14, 6.98, 14.27
CIE LCh	82, 15.886, 63.918
Yxy	60.5552, 0.3522, 0.3528
Android (android.graphics.Color)	4293183410 (0xFFE4C7B2)
YUV	205.2770, -13.4476, 19.9281
Hunter-Lab	77.8172, 2.4919, 15.9028

Details

The XYZ color **60.4542, 60.5552, 50.6215** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **54.6760, 59.6904, 82.0388**, and the grayscale version is **58.2782, 61.3132, 66.7701**.

A 20% lighter version of the original color is **91.8513, 98.7205, 92.0558**, and **30.8403, 30.5021, 23.6641** is the 20% darker color. If you saturate the color by 10%, you get **55.4418, 53.8942, 38.5797**, and if you desaturate by 10%, it is **66.1147, 67.9026, 64.7579**.

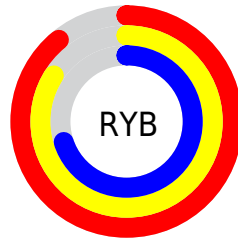
Distribution



Red (89%)

Green (78%)

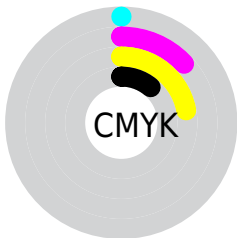
Blue (70%)



Red (89%)

Yellow (84%)

Blue (70%)

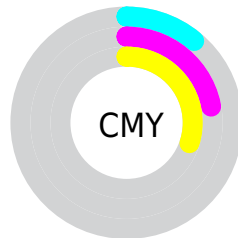


Cyan (0%)

Magenta (13%)

Yellow (22%)

Black (11%)



Cyan (11%)


Magenta (22%)


Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.4542, 60.5552, 50.6215 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 60.4542, 60.5552, 50.6215 by changing the saturation by 10% instead.


 60.4542, 60.5552,
50.6215

 60.4542, 60.5552,
50.6215


416.0779,
426.6412, 405.8959

 44.0357, 43.8663,
35.5328


 104.5909,
105.6346, 92.5008

 30.8966, 30.5654,
23.7868


133.0397,
134.7940, 120.1285

 20.6716, 20.2681,
14.9648

166.2294,
168.8789, 152.7730

 12.9952, 12.5901,
8.6483

204.5253,
208.2738, 190.8528

 7.5022, 7.1469,
4.4189

248.2928,
253.3631, 234.7865

 3.8272, 3.5541,
1.8578

297.8971,

 1.6049, 1.4274,

304.5311, 284.9925

0.4657

353.7037,
362.1624, 341.8895

■ 0.3956, 0.2368,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.4542, 60.5552,
50.6215

■ 60.4542, 60.5552,
50.6215

■ 55.4418, 53.8942,
38.5797

■ 66.1147, 67.9026,
64.7579

■ 51.0471, 47.8904,
28.5274

■ 72.4425, 75.9481,
81.0794

■ 47.2445, 42.5246,
20.3563

■ 79.4617, 84.7133,
99.6756

■ 44.0043, 37.7731,
13.9460

■ 84.8220, 93.2679,
108.1396

■ 41.2938, 33.6109,
9.1618

■ 85.8050, 95.2340,
108.4673

■ 39.0762, 30.0103,
5.8493

■ 37.3083, 26.9406,
3.8233

■ 36.1580, 24.8200,
2.8850

Harmonies

Analogous

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



63.1064, 60.5552, 56.1051



60.4542, 60.5552, 50.6215



57.1140, 60.5552, 49.0879

Triad

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



60.4542, 60.5552, 50.6215



51.3259, 60.5552, 67.2113



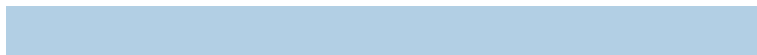
61.2506, 60.5552, 82.5771

Complementary

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



60.4542, 60.5552, 50.6215



54.6760, 59.6904, 82.0388

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.



58.0001, 60.5552, 86.2516



60.4542, 60.5552, 50.6215



52.3408, 60.5552, 76.8494

Square

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



60.4542, 60.5552, 50.6215



51.9260, 60.5552, 58.1018



54.7517, 60.5552, 84.0602



63.5787, 60.5552, 74.4409

Rectangle

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



60.4542, 60.5552, 50.6215



54.9668, 60.5552, 50.3733



54.7517, 60.5552, 84.0602



60.2251, 60.5552, 84.4093

Sweetspot

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



60.4558, 60.5579, 50.6228



89.0942, 92.4756, 93.3895



59.1987, 52.8486, 66.2196



18.9643, 19.6593, 19.7173



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.



60.4558, 60.5579, 50.6228



75.0903, 74.3163, 58.3603



66.6421, 72.9305, 52.6849



14.8721, 15.3580, 15.0850



20.9902, 14.5546, 1.7030



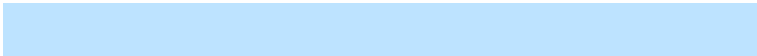
1.6413, 1.2559, 0.1559

Inverse Universe

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



54.6760, 59.6904, 82.0388



66.4715, 73.0196, 105.1985



49.1265, 48.5914, 80.1889



14.2736, 15.2685, 18.3392



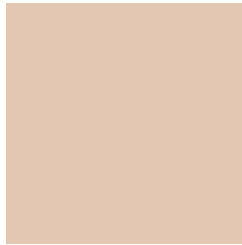
12.9877, 13.0374, 44.2151



1.0511, 1.1462, 3.2978

Previews

White Background



This preview shows how the XYZ color 60.4542, 60.5552, 50.6215 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 60.4542, 60.5552, 50.6215 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

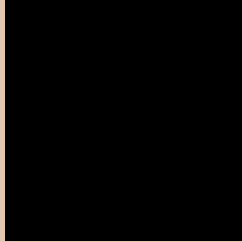
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4542, 60.5552, 50.6215

Background



This preview shows how black text looks on a background with the XYZ color 60.4542, 60.5552, 50.6215.



This preview shows how white text looks on a background with the XYZ color 60.4542, 60.5552,

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

60.4542, 60.5552, 50.6215

Protanopia

57.5626, 60.7772, 51.8773

Deuteranopia

61.9338, 60.6393, 50.5598



Tritanopia

64.2034, 60.3925, 69.2458

Trichromacy



Original Color

60.4542, 60.5552, 50.6215

Protanomaly

58.4706, 60.5558, 51.2545

Deuteranomaly

61.5087, 60.7583, 50.6052

Tritanomaly

62.8880, 60.5460, 61.7981

Monochromacy



Original Color

60.4542, 60.5552, 50.6215

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.6468, 60.7981, 60.2740

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4542, 60.5552, 50.6215 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(228, 199, 178)` looks like.

```
.text, #text, p{  
    color:rgb(228, 199, 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(228, 199, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 199, 178) }
```

Border

The CSS property to change the border of an element to XYZ 60.4542, 60.5552, 50.6215 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(228, 199, 178) }
```


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

```
.border{ border-color:rgb(228, 199, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 199, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 199, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 199, 178);  
box-shadow:4px 4px 4px 4px rgb(228, 199,  
178) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4542, 60.5552, 50.6215 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 199, 178) }
```

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

```
.background{ background-color: rgb(228,  
199, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor