

Converting Colors

XYZ(60.5423, 57.5399, 54.1691)

Have a look what the booklet for
XYZ(60.5423, 57.5399, 54.1691)
contains.

XYZ(60.5551, 57.5279, 54.3668)	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(60.5551, 57.5279,
54.3668)**

Conversions

Conversions Part 1

Format	Color
Hex	E8BEBA
RGB	232, 190, 186
RGB Percent	91%, 75%, 73%
CMY	0.0902, 0.2549, 0.2706
CMYK	0.00, 0.18, 0.20, 0.09
HSL	5°, 50%, 82%
HSV	5°, 20%, 91%
XYZ	60.5551, 57.5279, 54.3668
YIQ	202.1020, 26.3160, 7.6600

Conversions

Conversions Part 2

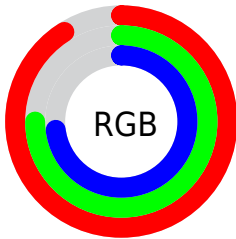
Format	Color
R _Y B	232, 190, 186
Decimal	15253178
CIE Lab	80.48, 14.39, 7.67
CIE LCh	80, 16.310, 28.051
Yxy	57.5279, 0.3511, 0.3336
Android (android.graphics.Color)	4293443258 (0xFFE8BEBA)
YUV	202.1020, -7.9383, 26.2205
Hunter-Lab	75.8471, 9.7789, 10.5943

Details

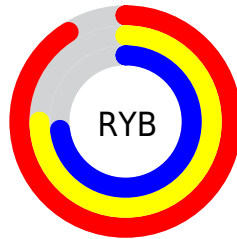
The XYZ color **60.5551, 57.5279, 54.3668** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **62.5580, 71.7503, 86.8964**, and the grayscale version is **56.2405, 59.1694, 64.4354**.

A 20% lighter version of the original color is **90.2228, 93.5823, 97.3123**, and **31.0838, 28.8149, 26.1138** is the 20% darker color. If you saturate the color by 10%, you get **54.0274, 48.1041, 40.9946**, and if you desaturate by 10%, it is **68.1530, 68.4504, 70.0727**.

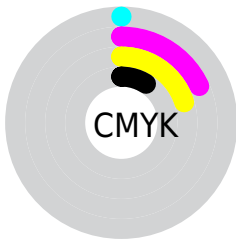
Distribution



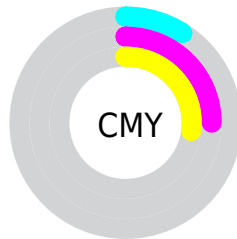
- Red (91%)
- Green (75%)
- Blue (73%)



- Red (91%)
- Yellow (75%)
- Blue (73%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (9%)





- Cyan (9%)
- Magenta (25%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.5551, 57.5279, 54.3668 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 60.5551, 57.5279, 54.3668 by changing the saturation by 10% instead.


 60.5551, 57.5279,
54.3668

 60.5551, 57.5279,
54.3668


416.4429,
415.4245, 420.7213

 44.1174, 41.4292,
38.4998


 104.7363,
101.2351, 98.0744

 30.9611, 28.6546,
26.0660

133.2104,
129.6123, 126.7521

 20.7209, 18.8197,
16.6468


166.4274,
162.8512, 160.5372

 13.0315, 11.5401,
9.8237

204.7527,
201.3362, 199.8481

 7.5274, 6.4313,
5.1782

248.5515,
245.4516, 245.1034

 3.8433, 3.1091,
2.2916

298.1892,

 1.6139, 1.1889,

295.5819, 296.7217

0.7265

354.0312,
352.1114, 355.1215

■ 0.4014, 0.0527,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.5551, 57.5279,
54.3668

■ 60.5551, 57.5279,
54.3668

■ 54.0274, 48.1041,
40.9946

■ 68.1530, 68.4504,
70.0727

■ 48.5174, 40.1061,
29.8412

■ 76.8614, 80.9248,
88.2123

■ 43.9750, 33.4669,
20.7877

■ 86.6272, 94.9724,
108.3735

■ 40.3441, 28.1108,
13.7023

■ 87.0889, 95.8959,
108.5274

■ 37.5628, 23.9548,
8.4385

■ 35.5612, 20.9060,
4.8293

■ 34.2585, 18.8579,
2.6769

■ 33.5413, 17.6772,
1.6557

■ 33.5325, 17.6632,
1.6420

Harmonies

Analogous

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



61.3637, 57.5279, 63.2667



60.5551, 57.5279, 54.3668



58.1540, 57.5279, 48.2686

Triad

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



60.5551, 57.5279, 54.3668



49.3992, 57.5279, 53.3854



54.4601, 57.5279, 82.9161

Complementary

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



60.5551, 57.5279, 54.3668



62.5580, 71.7503, 86.8964

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.



51.3443, 57.5279, 79.6091



60.5551, 57.5279, 54.3668



48.4975, 57.5279, 62.0137

Square

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



60.5551, 57.5279, 54.3668



51.7085, 57.5279, 47.7439



49.1950, 57.5279, 71.7085



57.7601, 57.5279, 80.3465

Rectangle

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



60.5551, 57.5279, 54.3668



56.0213, 57.5279, 46.2860



49.1950, 57.5279, 71.7085



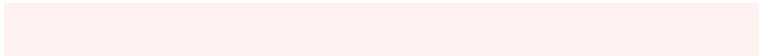
53.3574, 57.5279, 82.4485

Sweetspot

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



60.5567, 57.5305, 54.3680



88.3884, 90.4629, 95.0071



64.8649, 57.8851, 81.2748



18.7701, 19.1498, 20.0262



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.



60.5567, 57.5305, 54.3680



71.4079, 66.0516, 59.9069



65.8946, 68.2063, 56.1473



14.4773, 14.5686, 14.9534



18.6536, 9.8813, 0.9241



1.4134, 0.8002, 0.0800

Inverse Universe

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



62.5580, 71.7503, 86.8964



74.3308, 86.8307, 107.4501



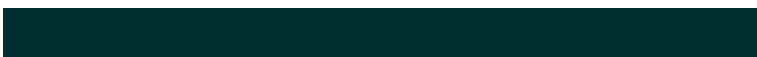
56.6871, 60.0085, 84.9394



14.6945, 16.1105, 18.4795



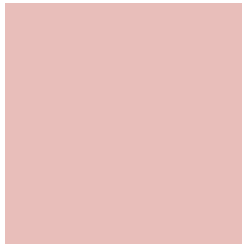
21.1765, 29.4152, 46.9447



1.5966, 2.2371, 3.4796

Previews

White Background



This preview shows how the XYZ color 60.5551, 57.5279, 54.3668 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 60.5551, 57.5279, 54.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

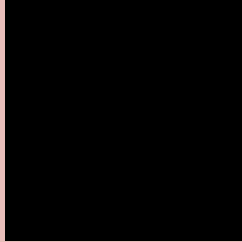
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.5551, 57.5279, 54.3668

Background



This preview shows how black text looks on a background with the XYZ color 60.5551, 57.5279, 54.3668.



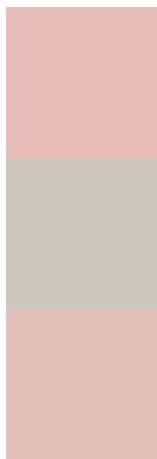
This preview shows how white text looks on a background with the XYZ color 60.5551, 57.5279,

54.3668.

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

60.5551, 57.5279, 54.3668

Protanopia

55.2810, 57.7302, 57.5196

Deuteranopia

58.8783, 57.6503, 53.9233



Tritanopia

62.5756, 57.7231, 63.7207

Trichromacy



Original Color

60.5551, 57.5279, 54.3668

Protanomaly

56.9496, 57.6011, 56.2607

Deuteranomaly

59.6015, 57.6960, 53.8941

Tritanomaly

61.7657, 57.7044, 60.1072

Monochromacy



Original Color

60.5551, 57.5279, 54.3668

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.5985, 58.5198, 60.4842

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.5551, 57.5279, 54.3668 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(232, 190, 186)` looks like.

```
.text, #text, p{  
    color:rgb(232, 190, 186)  
}
```

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(232, 190, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 190, 186) }
```

Border

The CSS property to change the border of an element to XYZ 60.5551, 57.5279, 54.3668 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(232, 190, 186) }
```


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

```
.border{ border-color:rgb(232, 190, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 190, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 190, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 190, 186);  
box-shadow:4px 4px 4px 4px rgb(232, 190,  
186) }
```

Background

The CSS property to change the background color of an element to XYZ 60.5551, 57.5279, 54.3668 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 190, 186) }
```

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

```
.background{ background-color: rgb(232,  
190, 186) }
```

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