

Converting Colors

XYZ(57.2565, 52.3992, 47.8932)

Have a look what the booklet for
XYZ(57.2565, 52.3992, 47.8932)
contains.

XYZ(57.4622, 52.6590, 47.6931)	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(57.4622, 52.6590,
47.6931)**

Conversions

Conversions Part 1

Format	Color
Hex	E9B3AF
RGB	233, 179, 175
RGB Percent	91%, 70%, 69%
CMY	0.0863, 0.2980, 0.3137
CMYK	0.00, 0.23, 0.25, 0.09
HSL	4°, 57%, 80%
HSV	4°, 25%, 91%
XYZ	57.4622, 52.6590, 47.6931
YIQ	194.6900, 33.4680, 10.2040

Conversions

Conversions Part 2

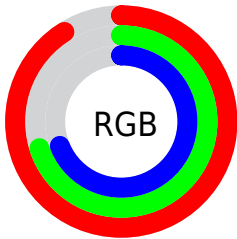
Format	Color
R _Y B	233, 179, 175
Decimal	15315887
CIE Lab	77.67, 19.02, 9.62
CIE LCh	78, 21.312, 26.820
Yxy	52.6590, 0.3641, 0.3337
Android (android.graphics.Color)	4293505967 (0xFFE9B3AF)
YUV	194.6900, -9.7072, 33.5979
Hunter-Lab	72.5665, 14.3548, 11.8292

Details

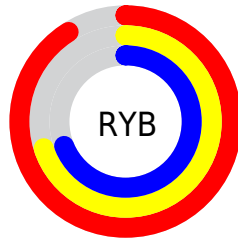
The XYZ color **57.4622, 52.6590, 47.6931** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **60.4056, 71.0336, 87.6181**, and the grayscale version is **51.7305, 54.4245, 59.2683**.

A 20% lighter version of the original color is **85.2313, 86.3898, 87.0456**, and **28.9405, 25.5819, 22.1514** is the 20% darker color. If you saturate the color by 10%, you get **51.3577, 43.8014, 35.3254**, and if you desaturate by 10%, it is **64.6483, 63.0471, 62.3705**.

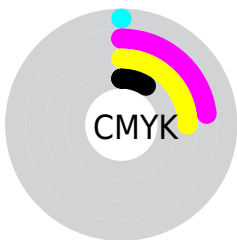
Distribution



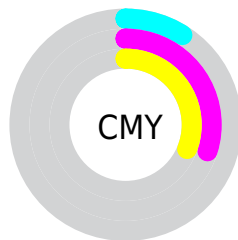
- Red (91%)
- Green (70%)
- Blue (69%)



- Red (91%)
- Yellow (70%)
- Blue (69%)



- Cyan (0%)
- Magenta (23%)
- Yellow (25%)
- Black (9%)





- Cyan (9%)
- Magenta (30%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4622, 52.6590, 47.6931 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 57.4622, 52.6590, 47.6931 by changing the saturation by 10% instead.


 57.4622, 52.6590,
47.6931

 57.4622, 52.6590,
47.6931


405.1652,
396.9755, 394.0479

 41.6180, 37.5306,
33.2256


 100.2668, 94.1024,
88.1081

 28.9921, 25.6186,
22.0268


127.9578,
121.1862, 114.8927

 19.2191, 16.5385,
13.6781


160.3286,
153.0240, 146.6201

 11.9337, 9.9060,
7.7609

197.7444,
190.0000, 183.7088

 6.7704, 5.3367,
3.8568

240.5707,
232.4988, 226.5774

 3.3640, 2.4461,
1.5471

289.1726,

 1.3490, 0.8495,

280.9047, 275.6444

0.2527

343.9157,
335.6021, 331.3284

■ 0.2195, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.4622, 52.6590,
47.6931

■ 57.4622, 52.6590,
47.6931

■ 51.3577, 43.8014,
35.3254

■ 64.6483, 63.0471,
62.3705

■ 46.2783, 36.3952,
25.1467

■ 72.9604, 75.0254,
79.4634

■ 42.1690, 30.3650,
17.0304

■ 82.4454, 88.6596,
99.0750

■ 38.9678, 25.6259,
10.8355

■ 87.4143, 96.0637,
108.5427

■ 36.6056, 22.0837,
6.4034

■ 35.0031, 19.6310,
3.5501

■ 34.0659, 18.1415,
2.0509

■ 33.7909, 17.6968,
1.6349

Harmonies

Analogous

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



58.3885, 52.6590, 58.6050



57.4622, 52.6590, 47.6931



54.5147, 52.6590, 40.3602

Triad

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



57.4622, 52.6590, 47.6931



43.7062, 52.6590, 45.7901



49.6125, 52.6590, 83.1171

Complementary

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



57.4622, 52.6590, 47.6931



60.4056, 71.0336, 87.6181

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.



45.8375, 52.6590, 78.5095



57.4622, 52.6590, 47.6931



42.5472, 52.6590, 56.0868

Square

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



57.4622, 52.6590, 47.6931



46.5593, 52.6590, 39.3720



43.3058, 52.6590, 68.1998



53.7126, 52.6590, 80.0723

Rectangle

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



57.4622, 52.6590, 47.6931



51.8797, 52.6590, 37.9543



43.3058, 52.6590, 68.1998



48.2654, 52.6590, 82.3982

Sweetspot

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



57.4636, 52.6614, 47.6942



87.2340, 88.7552, 92.7695



63.0961, 53.6488, 81.2563



18.5345, 18.7998, 19.5741



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.



57.4636, 52.6614, 47.6942



66.4214, 58.6849, 50.2097



63.8659, 65.4660, 49.8283



15.1490, 15.2210, 15.6582



19.2054, 10.1050, 0.9382



1.5374, 0.8521, 0.0834

Inverse Universe

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



60.4056, 71.0336, 87.6181



70.6231, 84.9404, 107.2806



53.0729, 56.3681, 85.1738



15.4235, 16.9334, 19.3778



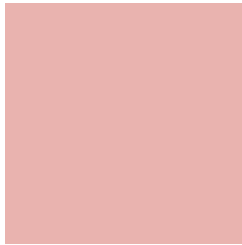
22.4499, 31.5468, 48.6489



1.7896, 2.5308, 3.8290

Previews

White Background



This preview shows how the XYZ color 57.4622, 52.6590, 47.6931 looks on a white background.

Color Contrast Check

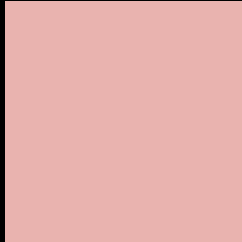
Large Text (above 18pt) WCAG AA × Fail

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 57.4622, 52.6590, 47.6931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

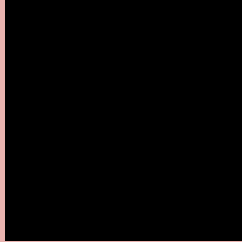
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4622, 52.6590, 47.6931

Background



This preview shows how black text looks on a background with the XYZ color 57.4622, 52.6590, 47.6931.



This preview shows how white text looks on a background with the XYZ color 57.4622, 52.6590,

47.6931.

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

57.4622, 52.6590, 47.6931

Protanopia

50.3630, 52.6448, 51.7630

Deuteranopia

53.9024, 52.6593, 47.3677



Tritanopia

59.2774, 52.8242, 55.7870

Trichromacy



Original Color

57.4622, 52.6590, 47.6931

Protanomaly

52.7710, 52.6442, 50.0278

Deuteranomaly

55.0049, 52.6109, 47.3003

Tritanomaly

58.6090, 52.8360, 53.0083

Monochromacy



Original Color

57.4622, 52.6590, 47.6931

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.5692, 53.5813, 55.0958

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4622, 52.6590, 47.6931 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(233, 179, 175)` looks like.

```
.text, #text, p{  
    color:rgb(233, 179, 175)  
}
```

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(233, 179, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 179, 175) }
```

Border

The CSS property to change the border of an element to XYZ 57.4622, 52.6590, 47.6931 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(233, 179, 175) }
```


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

```
.border{ border-color:rgb(233, 179, 175) }
```

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

Here you see how a box with a 4 pixel rgb(233, 179, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 179, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 179, 175);  
box-shadow:4px 4px 4px 4px rgb(233, 179,  
175) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4622, 52.6590, 47.6931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 179, 175) }
```

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

```
.background{ background-color: rgb(233,  
179, 175) }
```

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