

Converting Colors

XYZ(61.1112, 57.0707, 55.2568)

Have a look what the booklet for
XYZ(61.1112, 57.0707, 55.2568)
contains.

XYZ(61.3213, 57.2594, 55.3972)	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(61.3213, 57.2594,
55.3972)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBCBC
RGB	235, 188, 188
RGB Percent	92%, 74%, 74%
CMY	0.0784, 0.2627, 0.2627
CMYK	0.00, 0.20, 0.20, 0.08
HSL	0°, 54%, 83%
HSV	0°, 20%, 92%
XYZ	61.3213, 57.2594, 55.3972
YIQ	202.0530, 28.0120, 9.9640

Conversions

Conversions Part 2

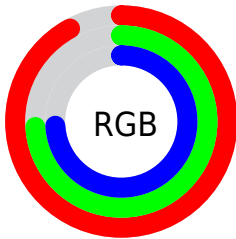
Format	Color
R _Y B	235, 188, 188
Decimal	15449276
CIE Lab	80.33, 16.85, 6.41
CIE LCh	80, 18.028, 20.843
Yxy	57.2594, 0.3525, 0.3291
Android (android.graphics.Color)	4293639356 (0xFFEBBCBC)
YUV	202.0530, -6.9281, 28.8945
Hunter-Lab	75.6699, 12.2302, 9.5633

Details

The XYZ color **61.3213, 57.2594, 55.3972** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.4423, 76.1045, 89.8383**, and the grayscale version is **56.2030, 59.1299, 64.3925**.

A 20% lighter version of the original color is **89.9198, 92.4930, 98.7016**, and **31.6276, 28.6609, 26.7868** is the 20% darker color. If you saturate the color by 10%, you get **54.3739, 47.0937, 41.5840**, and if you desaturate by 10%, it is **69.5016, 69.2298, 71.6577**.

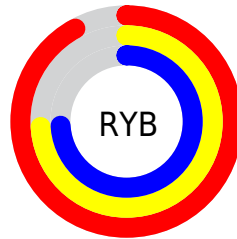
Distribution



Red (92%)

Green (74%)

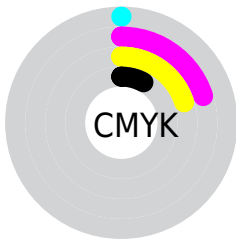
Blue (74%)



Red (92%)

Yellow (74%)

Blue (74%)

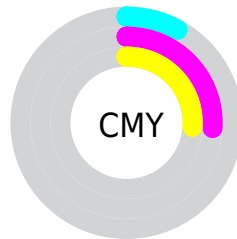


Cyan (0%)

Magenta (20%)

Yellow (20%)

Black (8%)



Cyan (8%)


Magenta (26%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.3213, 57.2594, 55.3972 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 61.3213, 57.2594, 55.3972 by changing the saturation by 10% instead.

 61.3213, 57.2594,
55.3972

 61.3213, 57.2594,
55.3972


419.2082,
414.4206, 424.7401

 44.7380, 41.2135,
39.3191


 105.8395,
100.8436, 99.5997

 31.4515, 28.4860,
26.6983


134.5051,
129.1507, 128.5611

 21.0964, 18.6923,
17.1163

167.9290,
162.3137, 162.6540

 13.3074, 11.4482,
10.1546

206.4763,
200.7170, 202.2969

 7.7190, 6.3691,
5.3947

250.5126,
244.7449, 247.9085

 3.9660, 3.0708,
2.4179

300.4031,

 1.6829, 1.1688,

294.7819, 299.9072

0.7962

356.5132,
351.2123, 358.7116

■ 0.4455, 0.0360,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.3213, 57.2594,
55.3972

■ 61.3213, 57.2594,
55.3972

■ 54.3739, 47.0937,
41.5840

■ 69.5016, 69.2298,
71.6577

■ 48.5953, 38.6380,
30.0964

■ 78.9656, 83.0781,
90.4722

■ 43.9227, 31.8006,
20.8077

■ 88.0712, 96.4023,
108.5734

■ 40.2855, 26.4783,
13.5775

■ 37.6051, 22.5559,
8.2493

■ 35.7915, 19.9020,
4.6445

■ 34.7377, 18.3598,
2.5501

■ 34.2614, 17.6628,
1.6035

■ 34.2614, 17.6627,
1.6035

Harmonies

Analogous

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



61.7267, 57.2594, 65.6332



61.3213, 57.2594, 55.3972



59.0238, 57.2594, 47.8902

Triad

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



61.3213, 57.2594, 55.3972



49.1092, 57.2594, 50.3838



53.3029, 57.2594, 84.6153

Complementary

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



61.3213, 57.2594, 55.3972



65.4423, 76.1045, 89.8383

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.



50.0683, 57.2594, 79.4517



61.3213, 57.2594, 55.3972



47.7201, 57.2594, 59.1700

Square

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



61.3213, 57.2594, 55.3972



51.9397, 57.2594, 45.2308



48.0631, 57.2594, 69.8523



56.9849, 57.2594, 83.3107

Rectangle

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



61.3213, 57.2594, 55.3972



56.7831, 57.2594, 45.0661



48.0631, 57.2594, 69.8523



52.1298, 57.2594, 83.5587

Sweetspot

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



61.3229, 57.2620, 55.3984



87.9959, 89.6779, 94.8763



67.2402, 59.6276, 86.5632



18.6778, 18.9651, 19.9954



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.



61.3229, 57.2620, 55.3984



70.2036, 63.6430, 59.5054



66.7574, 68.1311, 57.2099



15.0656, 15.0543, 15.6304



19.0680, 9.8301, 0.8924



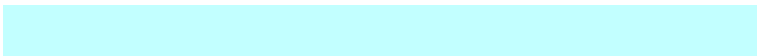
1.4973, 0.7720, 0.0701

Inverse Universe

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



65.4423, 76.1045, 89.8383



76.0051, 90.1795, 108.0082



59.1539, 63.5277, 87.7422



15.5176, 17.1217, 19.4092



24.8765, 36.3999, 49.4577



1.9534, 2.8583, 3.8836

Previews

White Background



This preview shows how the XYZ color 61.3213, 57.2594, 55.3972 looks on a white background.

Color Contrast Check

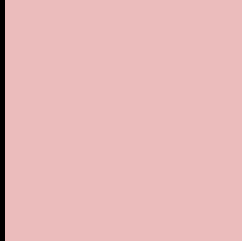
Large Text (above 18pt) WCAG AA × Fail

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 61.3213, 57.2594, 55.3972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

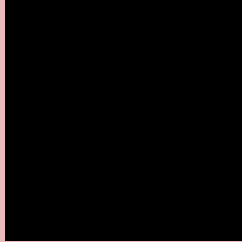
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3213, 57.2594, 55.3972

Background



This preview shows how black text looks on a background with the XYZ color 61.3213, 57.2594, 55.3972.



This preview shows how white text looks on a background with the XYZ color 61.3213, 57.2594,

55.3972.

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

61.3213, 57.2594, 55.3972

Protanopia

55.0629, 57.5793, 59.2507

Deuteranopia

58.4710, 57.4158, 55.0143



Tritanopia

62.5763, 57.1208, 62.3709

Trichromacy



Original Color

61.3213, 57.2594, 55.3972

Protanomaly

57.0539, 57.2831, 57.9188

Deuteranomaly

59.2790, 57.1804, 54.9263

Tritanomaly

62.3262, 57.3590, 60.0110

Monochromacy



Original Color

61.3213, 57.2594, 55.3972

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.7759, 58.2599, 61.0235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3213, 57.2594, 55.3972 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(235, 188, 188)` looks like.

```
.text, #text, p{  
    color:rgb(235, 188, 188)  
}
```

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(235, 188, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 188, 188) }
```

Border

The CSS property to change the border of an element to XYZ 61.3213, 57.2594, 55.3972 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(235, 188, 188) }
```


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

```
.border{ border-color:rgb(235, 188, 188) }
```

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

Here you see how a box with a 4 pixel rgb(235, 188, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 188, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 188, 188);  
box-shadow:4px 4px 4px 4px rgb(235, 188,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3213, 57.2594, 55.3972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 188, 188) }
```

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

```
.background{ background-color: rgb(235,  
188, 188) }
```

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