

Converting Colors

XYZ(61.0009, 56.7907, 54.7603)

Have a look what the booklet for
XYZ(61.0009, 56.7907, 54.7603)
contains.

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Color

**XYZ(61.0009, 56.7907,
54.7603)**

Conversions

Conversions Part 1

Format	Color
Hex	EBBBBB
RGB	235, 187, 187
RGB Percent	92%, 73%, 73%
CMY	0.0784, 0.2666, 0.2667
CMYK	0.00, 0.20, 0.20, 0.08
HSL	0°, 55%, 83%
HSV	0°, 20%, 92%
XYZ	61.0009, 56.7907, 54.7603
YIQ	201.3520, 28.6080, 10.1760

Conversions

Conversions Part 2

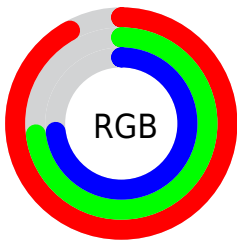
Format	Color
R _Y B	235, 187, 187
Decimal	15449019
CIE Lab	80.06, 17.23, 6.57
CIE LCh	80, 18.442, 20.884
Yxy	56.7907, 0.3535, 0.3291
Android (android.graphics.Color)	4293639099 (0xFFEBBBBB)
YUV	201.3520, -7.0755, 29.5093
Hunter-Lab	75.3596, 12.6100, 9.6685

Details

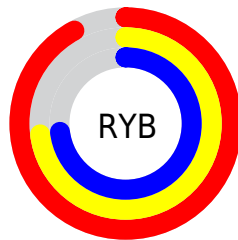
The XYZ color **61.0009, 56.7907, 54.7603** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **65.1965, 75.9775, 89.8265**, and the grayscale version is **55.7672, 58.6714, 63.8932**.

A 20% lighter version of the original color is **89.4683, 91.8322, 97.8039**, and **31.4186, 28.3551, 26.3714** is the 20% darker color. If you saturate the color by 10%, you get **54.1046, 46.6998, 41.0486**, and if you desaturate by 10%, it is **69.1277, 68.6827, 70.9144**.

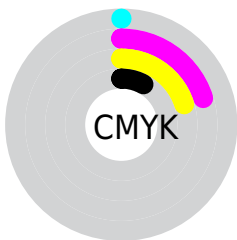
Distribution



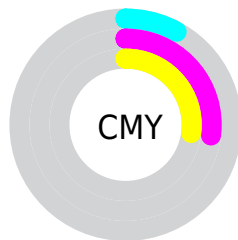
- Red (92%)
- Green (73%)
- Blue (73%)



- Red (92%)
- Yellow (73%)
- Blue (73%)



- Cyan (0%)
- Magenta (20%)
- Yellow (20%)
- Black (8%)



- Cyan (8%)
- Magenta (27%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.0009, 56.7907, 54.7603 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 61.0009, 56.7907, 54.7603 by changing the saturation by 10% instead.


 61.0009, 56.7907,
54.7603

 61.0009, 56.7907,
54.7603

418.0532,
412.6646, 422.2590

 44.4784, 40.8372,
38.8125


 105.3783,
100.1597, 98.6573

 31.2463, 28.1919,
26.3072


133.9640,
128.3441, 127.4436

 20.9392, 18.4704,
16.8258

167.3015,
161.3742, 161.3465

 13.1918, 11.2882,
9.9497

205.7561,
199.6344, 200.7846

 7.6387, 6.2610,
5.2605

249.6933,
243.5091, 246.1763

 3.9145, 3.0045,
2.3395

299.4782,

 1.6539, 1.1341,

293.3828, 297.9403

0.7532

355.4764,
349.6398, 356.4950

■ 0.4271, 0.0068,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.0009, 56.7907,
54.7603

■ 61.0009, 56.7907,
54.7603

■ 54.1046, 46.6998,
41.0486

■ 69.1277, 68.6827,
70.9144

■ 48.3744, 38.3149,
29.6573

■ 78.5358, 82.4493,
89.6180

■ 43.7474, 31.5441,
20.4591

■ 88.0711, 96.4022,
108.5734

■ 40.1526, 26.2838,
13.3132

■ 37.5110, 22.4183,
8.0622

■ 35.7320, 19.8150,
4.5263

■ 34.7078, 18.3161,
2.4907

■ 34.2613, 17.6627,
1.6035

Harmonies

Analogous

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



61.4171, 56.7907, 65.1661



61.0009, 56.7907, 54.7603



58.6573, 56.7907, 47.1535

Triad

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



61.0009, 56.7907, 54.7603



48.5730, 56.7907, 49.6976



52.8432, 56.7907, 84.5553

Complementary

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



61.0009, 56.7907, 54.7603



65.1965, 75.9775, 89.8265

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.



49.5542, 56.7907, 79.2865



61.0009, 56.7907, 54.7603



47.1650, 56.7907, 58.6202

Square

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



61.0009, 56.7907, 54.7603



51.4473, 56.7907, 44.4744



47.5157, 56.7907, 69.4951



56.5900, 56.7907, 83.2121

Rectangle

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



61.0009, 56.7907, 54.7603



56.3744, 56.7907, 44.2996



47.5157, 56.7907, 69.4951



51.6502, 56.7907, 83.4781

Sweetspot

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



61.0025, 56.7933, 54.7615



87.9959, 89.6780, 94.8763



67.0272, 59.2016, 86.4920



18.6778, 18.9651, 19.9955



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.



61.0025, 56.7933, 54.7615



69.3582, 62.4060, 57.8246



66.5254, 67.8391, 56.6025



15.0656, 15.0543, 15.6304



19.0680, 9.8302, 0.8924



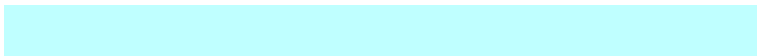
1.4973, 0.7720, 0.0701

Inverse Universe

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



65.1965, 75.9775, 89.8265



75.3569, 89.8450, 107.9778



58.7838, 63.1521, 87.6890



15.5176, 17.1217, 19.4092



24.8762, 36.3994, 49.4576



1.9534, 2.8583, 3.8836

Previews

White Background



This preview shows how the XYZ color 61.0009, 56.7907, 54.7603 looks on a white background.

Color Contrast Check

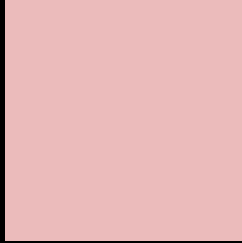
Large Text (above 18pt) WCAG AA × Fail

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 61.0009, 56.7907, 54.7603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

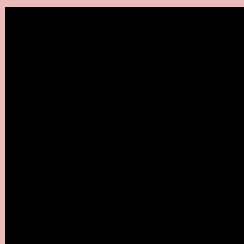
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.0009, 56.7907, 54.7603

Background



This preview shows how black text looks on a background with the XYZ color 61.0009, 56.7907, 54.7603.



This preview shows how white text looks on a background with the XYZ color 61.0009, 56.7907,

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

61.0009, 56.7907, 54.7603

Protanopia

54.7216, 57.0758, 58.5847

Deuteranopia

58.1440, 56.9324, 54.3789



Tritanopia

62.2498, 56.6543, 61.6873

Trichromacy



Original Color

61.0009, 56.7907, 54.7603

Protanomaly

56.7201, 56.7922, 57.2627

Deuteranomaly

58.9549, 56.7030, 54.2919

Tritanomaly

62.0013, 56.8908, 59.3430

Monochromacy



Original Color

61.0009, 56.7907, 54.7603

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

57.1443, 57.6115, 60.3329

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.0009, 56.7907, 54.7603 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, 187, 187)` looks like.

```
.text, #text, p{  
    color:rgb(235, 187, 187)  
}
```

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, 187, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 187, 187) }
```

Border

The CSS property to change the border of an element to XYZ 61.0009, 56.7907, 54.7603 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, 187, 187) }
```


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

```
.border{ border-color:rgb(235, 187, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 187, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 187, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 187, 187);  
box-shadow:4px 4px 4px 4px rgb(235, 187,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 61.0009, 56.7907, 54.7603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 187, 187) }
```

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

```
.background{ background-color: rgb(235,  
187, 187) }
```

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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