

Converting Colors

XYZ(61.1200, 60.6096, 53.7060)

Have a look what the booklet for
XYZ(61.1200, 60.6096, 53.7060)
contains.

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Color

**XYZ(61.1589, 60.5069,
53.8030)**

Conversions

Conversions Part 1

Format	Color
Hex	E5C6B8
RGB	229, 198, 184
RGB Percent	90%, 78%, 72%
CMY	0.1020, 0.2235, 0.2784
CMYK	0.00, 0.14, 0.20, 0.10
HSL	19°, 46%, 81%
HSV	19°, 20%, 90%
XYZ	61.1589, 60.5069, 53.8030
YIQ	205.6730, 22.9700, 2.2180

Conversions

Conversions Part 2

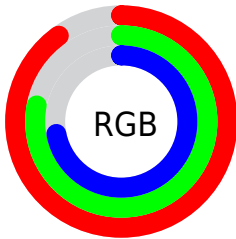
Format	Color
R _Y B	229, 204, 184
Decimal	15058616
CIE Lab	82.11, 8.76, 11.04
CIE LCh	82, 14.097, 51.572
Yxy	60.5069, 0.3485, 0.3448
Android (android.graphics.Color)	4293248696 (0xFFE5C6B8)
YUV	205.6730, -10.6848, 20.4578
Hunter-Lab	77.7862, 4.2187, 13.4407

Details

The XYZ color **61.1589, 60.5069, 53.8030** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **58.2100, 64.4467, 83.5006**, and the grayscale version is **58.5144, 61.5617, 67.0407**.

A 20% lighter version of the original color is **92.7282, 99.0713, 96.6734**, and **31.3036, 30.4694, 25.7040** is the 20% darker color. If you saturate the color by 10%, you get **55.5308, 52.7861, 41.0271**, and if you desaturate by 10%, it is **67.5544, 69.1396, 68.7532**.

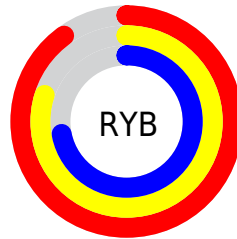
Distribution



Red (90%)

Green (78%)

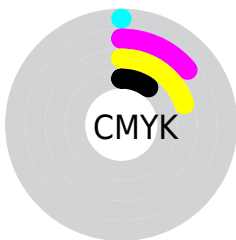
Blue (72%)



Red (90%)

Yellow (80%)

Blue (72%)

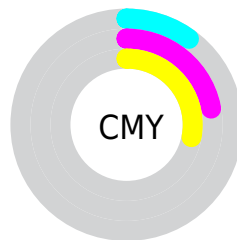


Cyan (0%)

Magenta (14%)

Yellow (20%)

Black (10%)



Cyan (10%)


Magenta (22%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 61.1589, 60.5069, 53.8030 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 61.1589, 60.5069, 53.8030 by changing the saturation by 10% instead.

 61.1589, 60.5069,
53.8030

 61.1589, 60.5069,
53.8030


418.6230,
426.4637, 418.5117

 44.6064, 43.8273,
38.0521


 105.6058,
105.5646, 97.2384

 31.3475, 30.5348,
25.7210


134.2309,
134.7116, 125.7600

 21.0167, 20.2449,
16.3911

167.6110,
168.7832, 159.3755

 13.2488, 12.5732,
9.6440

206.1114,
208.1637, 198.5036

 7.6782, 7.1353,
5.0611

250.0974,
253.2377, 243.5627

 3.9398, 3.5469,
2.2238

299.9345,

 1.6681, 1.4235,

304.3894, 294.9714

0.6880

355.9879,
362.0032, 353.1482

■ 0.4362, 0.2339,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.1589, 60.5069,
53.8030

■ 61.1589, 60.5069,
53.8030

■ 55.5308, 52.7861,
41.0271

■ 67.5544, 69.1396,
68.7532

■ 50.6351, 45.9386,
30.3196

■ 74.7407, 78.7049,
85.9692

■ 46.4413, 39.9351,
21.5713

■ 82.7464, 89.2329,
105.5420

■ 42.9144, 34.7414,
14.6614

■ 86.1233, 95.3981,
108.4822

■ 40.0165, 30.3208,
9.4556

■ 37.7051, 26.6336,
5.8009

■ 35.9314, 23.6356,
3.5163

■ 34.6233, 21.2713,
2.3039

■ 34.5835, 21.1987,
2.2690

Harmonies

Analogous

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



63.0256, 60.5069, 60.0096



61.1589, 60.5069, 53.8030



58.3570, 60.5069, 50.8954

Triad

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



61.1589, 60.5069, 53.8030



52.0067, 60.5069, 63.4972



59.6505, 60.5069, 82.4159

Complementary

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



61.1589, 60.5069, 53.8030



58.2100, 64.4467, 83.5006

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.



56.6713, 60.5069, 83.5541



61.1589, 60.5069, 53.8030



52.3260, 60.5069, 72.1249

Square

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



61.1589, 60.5069, 53.8030



53.1214, 60.5069, 56.1661



54.0092, 60.5069, 79.6451



62.1339, 60.5069, 76.6577

Rectangle

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



61.1589, 60.5069, 53.8030



56.3640, 60.5069, 51.0277



54.0092, 60.5069, 79.6451



58.6714, 60.5069, 83.3703

Sweetspot

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



61.1605, 60.5096, 53.8043



89.4134, 92.5129, 95.3488



61.7843, 55.8718, 72.1558



19.0117, 19.6328, 20.1067



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.



61.1605, 60.5096, 53.8043



74.7107, 72.6572, 61.0078



66.5585, 71.3056, 55.6036



14.7411, 15.0961, 15.0413



19.8676, 12.3093, 1.3288



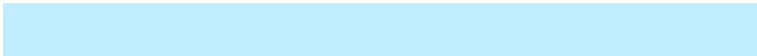
1.5486, 1.0706, 0.1250

Inverse Universe

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



58.2100, 64.4467, 83.5006



70.2290, 78.6272, 106.0829



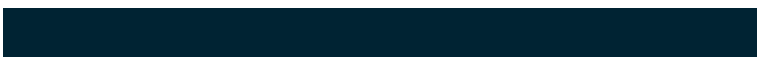
52.9807, 53.9882, 81.7575



14.4092, 15.5399, 18.3844



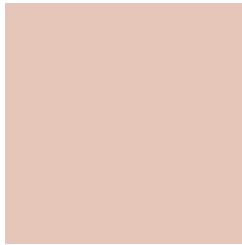
15.1628, 17.3877, 44.9402



1.2024, 1.4486, 3.3482

Previews

White Background



This preview shows how the XYZ color 61.1589, 60.5069, 53.8030 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 61.1589, 60.5069, 53.8030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

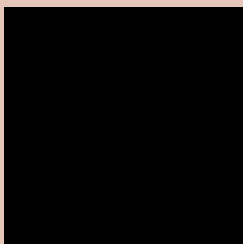
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.1589, 60.5069, 53.8030

Background



This preview shows how black text looks on a background with the XYZ color 61.1589, 60.5069, 53.8030.

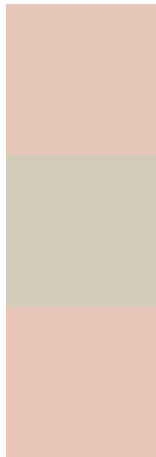


This preview shows how white text looks on a background with the XYZ color 61.1589, 60.5069,

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

61.1589, 60.5069, 53.8030

Protanopia

57.7139, 60.7706, 55.7018

Deuteranopia

61.8967, 60.5490, 53.7722



Tritanopia

64.0791, 60.3428, 68.5916

Trichromacy



Original Color

61.1589, 60.5069, 53.8030

Protanomaly

58.8969, 60.6917, 55.0648

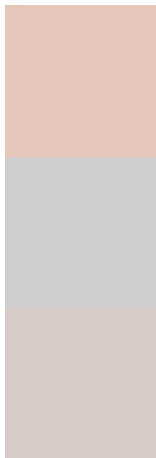
Deuteranomaly

61.5730, 60.3821, 53.7571

Tritanomaly

62.8954, 60.1893, 62.9463

Monochromacy



Original Color

61.1589, 60.5069, 53.8030

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.2805, 61.0852, 62.0923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.1589, 60.5069, 53.8030 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(229, 198, 184)` looks like.

```
.text, #text, p{  
    color:rgb(229, 198, 184)  
}
```

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(229, 198, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 198, 184) }
```

Border

The CSS property to change the border of an element to XYZ 61.1589, 60.5069, 53.8030 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(229, 198, 184) }
```


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

```
.border{ border-color:rgb(229, 198, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 198, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 198, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 198, 184); box-shadow:4px 4px 4px 4px rgb(229, 198, 184) }
```

Background

The CSS property to change the background color of an element to XYZ 61.1589, 60.5069, 53.8030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 198, 184) }
```

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

```
.background{ background-color: rgb(229,  
198, 184) }
```

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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