

Converting Colors

XYZ(61.0242, 61.8312, 57.8911)

Have a look what the booklet for
XYZ(61.0242, 61.8312, 57.8911)
contains.

XYZ(60.9559, 61.6906, 57.9850)	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(60.9559, 61.6906,
57.9850)**

Conversions

Conversions Part 1

Format	Color
Hex	DFCABF
RGB	223, 202, 191
RGB Percent	87%, 79%, 75%
CMY	0.1255, 0.2078, 0.2510
CMYK	0.00, 0.09, 0.14, 0.13
HSL	21°, 33%, 81%
HSV	21°, 14%, 87%
XYZ	60.9559, 61.6906, 57.9850
YIQ	207.0250, 16.0470, 1.0310

Conversions

Conversions Part 2

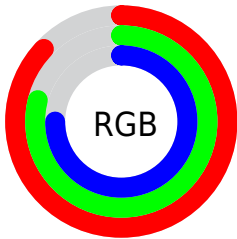
Format	Color
R _Y B	223, 208, 191
Decimal	14666431
CIE Lab	82.75, 5.54, 8.14
CIE LCh	83, 9.852, 55.759
Yxy	61.6906, 0.3375, 0.3415
Android (android.graphics.Color)	4292856511 (0xFFDFCABF)
YUV	207.0250, -7.9003, 14.0101
Hunter-Lab	78.5434, 1.0793, 11.2092

Details

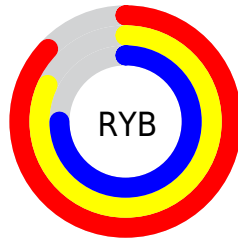
The XYZ color **60.9559, 61.6906, 57.9850** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3483, 63.4897, 78.9920**, and the grayscale version is **59.3677, 62.4595, 68.0184**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **31.3258, 31.3396, 28.4429** is the 20% darker color. If you saturate the color by 10%, you get **55.4148, 54.2410, 44.9382**, and if you desaturate by 10%, it is **67.1996, 69.9463, 73.1109**.

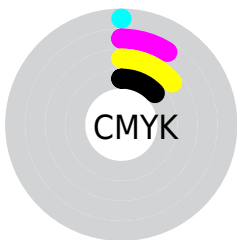
Distribution



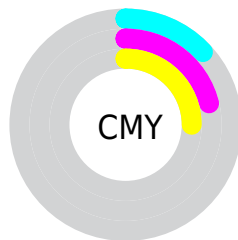
- Red (87%)
- Green (79%)
- Blue (75%)



- Red (87%)
- Yellow (82%)
- Blue (75%)



- Cyan (0%)
- Magenta (9%)
- Yellow (14%)
- Black (13%)





- Cyan (13%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 60.9559, 61.6906, 57.9850 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 60.9559, 61.6906, 57.9850 by changing the saturation by 10% instead.


 60.9559, 61.6906,
57.9850

 60.9559, 61.6906,
57.9850


417.8908,
430.8016, 434.7267

 44.4420, 44.7827,
41.3820


 105.3136,
107.2782, 103.4156

 31.2175, 31.2863,
28.2957

133.8880,
136.7268, 133.0802

 20.9172, 20.8170,
18.3077


167.2133,
171.1244, 167.9358

 13.1756, 12.9903,
10.9994

205.6549,
210.8554, 208.4008

 7.6274, 7.4219,
5.9523

249.5781,
256.3043, 254.8939

 3.9073, 3.7273,
2.7478

299.3482,

 1.6498, 1.5222,

307.8553, 307.8336

0.9673

355.3307,
365.8930, 367.6383

■ 0.4245, 0.3043,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 60.9559, 61.6906,
57.9850

■ 60.9559, 61.6906,
57.9850

■ 55.4148, 54.2410,
44.9382

■ 67.1996, 69.9463,
73.1109

■ 50.5455, 47.5643,
33.8749

■ 74.1653, 79.0233,
90.3979

■ 46.3219, 41.6374,
24.6978

■ 81.4070, 88.7588,
107.4493

■ 42.7146, 36.4326,
17.2996

■ 84.2416, 94.4281,
108.3942

■ 39.6915, 31.9204,
11.5624

■ 37.2169, 28.0690,
7.3536

■ 35.2510, 24.8437,
4.5198

■ 33.7466, 22.2057,
2.8749

■ 33.0636, 20.9519,
2.3015

Harmonies

Analogous

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



62.3789, 61.6906, 62.2295



60.9559, 61.6906, 57.9850



58.9366, 61.6906, 56.2003

Triad

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



60.9559, 61.6906, 57.9850



54.6678, 61.6906, 66.3120



60.4223, 61.6906, 78.2289

Complementary

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



60.9559, 61.6906, 57.9850



58.3483, 63.4897, 78.9920

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.



58.3345, 61.6906, 79.4828



60.9559, 61.6906, 57.9850



55.0441, 61.6906, 72.3665

Square

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



60.9559, 61.6906, 57.9850



55.3333, 61.6906, 60.8210



56.3739, 61.6906, 77.2783



62.0656, 61.6906, 73.9474

Rectangle

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



60.9559, 61.6906, 57.9850



57.5362, 61.6906, 56.5619



56.3739, 61.6906, 77.2783



59.7478, 61.6906, 79.0291

Sweetspot

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



60.9576, 61.6933, 57.9863



91.3529, 95.1645, 99.7800



60.9887, 57.7207, 70.4355



19.4083, 20.1788, 21.0014



0.0000, 0.0000, 0.0000



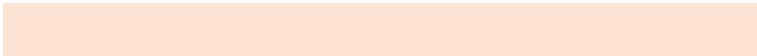
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



60.9576, 61.6933, 57.9863



80.4277, 80.6921, 73.3923



64.8211, 69.4203, 59.2741



14.0907, 14.4673, 14.3566



19.5357, 12.5092, 1.3849



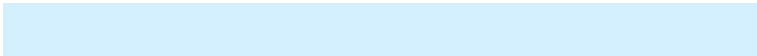
1.4355, 1.0298, 0.1231

Inverse Universe

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



58.3483, 63.4897, 78.9920



76.2880, 83.5399, 106.7118



54.6212, 56.0354, 77.7496



13.6990, 14.7372, 17.5102



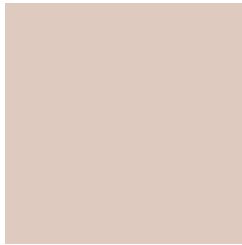
14.0131, 15.4957, 43.3008



1.0537, 1.2388, 3.0288

Previews

White Background



This preview shows how the XYZ color 60.9559, 61.6906, 57.9850 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 60.9559, 61.6906, 57.9850 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

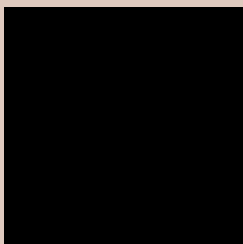
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

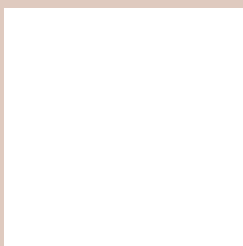
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 60.9559, 61.6906, 57.9850

Background



This preview shows how black text looks on a background with the XYZ color 60.9559, 61.6906, 57.9850.



This preview shows how white text looks on a background with the XYZ color 60.9559, 61.6906,

57.9850.

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

60.9559, 61.6906, 57.9850

Protanopia

58.8975, 61.6590, 59.2492

Deuteranopia

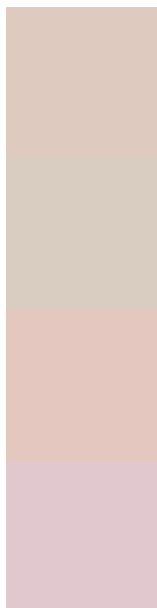
62.8928, 61.6415, 58.4524



Tritanopia

63.9251, 61.8706, 72.1913

Trichromacy



Original Color

60.9559, 61.6906, 57.9850

Protanomaly

59.7226, 61.7432, 58.6391

Deuteranomaly

62.1636, 61.6083, 58.4844

Tritanomaly

62.8462, 61.7723, 67.0034

Monochromacy



Original Color

60.9559, 61.6906, 57.9850

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

59.8145, 62.0258, 64.0780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.9559, 61.6906, 57.9850 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(223, 202, 191)` looks like.

```
.text, #text, p{  
    color:rgb(223, 202, 191)  
}
```

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(223, 202, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 202, 191) }
```

Border

The CSS property to change the border of an element to XYZ 60.9559, 61.6906, 57.9850 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(223, 202, 191) }
```


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

```
.border{ border-color:rgb(223, 202, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 202, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 202, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 202, 191);  
box-shadow:4px 4px 4px 4px rgb(223, 202,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 60.9559, 61.6906, 57.9850 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 202, 191) }
```

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

```
.background{ background-color: rgb(223,  
202, 191) }
```

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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