

# Converting Colors

XYZ(60.2717, 59.0656, 52.4801)

Have a look what the booklet for  
XYZ(60.2717, 59.0656, 52.4801)  
contains.

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# Color

**XYZ(60.2717, 59.0656,  
52.4801)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E5C3B6
RGB	229, 195, 182
RGB Percent	90%, 76%, 71%
CMY	0.1020, 0.2353, 0.2863
CMYK	0.00, 0.15, 0.21, 0.10
HSL	17°, 47%, 81%
HSV	17°, 21%, 90%
XYZ	60.2717, 59.0656, 52.4801
YIQ	203.6840, 24.4370, 3.1650

# Conversions

## Conversions Part 2

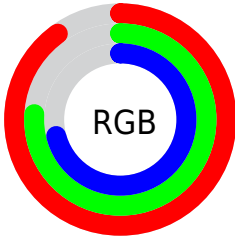
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	229, 200, 182
Decimal	15057846
CIE Lab	81.33, 10.05, 11.00
CIE LCh	81, 14.896, 47.577
Yxy	59.0656, 0.3508, 0.3438
Android (android.graphics.Color)	4293247926 (0xFFE5C3B6)
YUV	203.6840, -10.6902, 22.2021
Hunter-Lab	76.8541, 5.4912, 13.3115

# Details

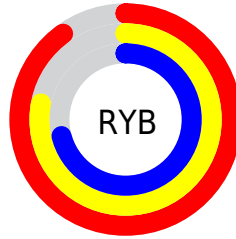
The XYZ color **60.2717, 59.0656, 52.4801** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **57.9897, 64.7124, 83.5635**, and the grayscale version is **57.2509, 60.2324, 65.5931**.

A 20% lighter version of the original color is **91.4830, 97.0539, 94.8005**, and **30.7209, 29.5190, 24.8474** is the 20% darker color. If you saturate the color by 10%, you get **54.5885, 51.1817, 39.8490**, and if you desaturate by 10%, it is **66.7568, 67.9331, 67.2892**.

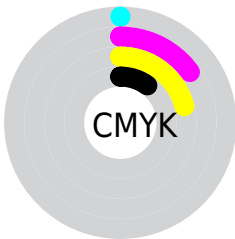
# Distribution



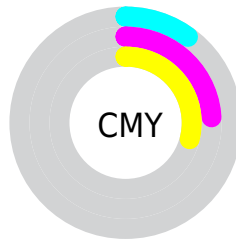
- Red (90%)
- Green (76%)
- Blue (71%)



- Red (90%)
- Yellow (78%)
- Blue (71%)



- Cyan (0%)
- Magenta (15%)
- Yellow (21%)
- Black (10%)




- Cyan (10%)
- Magenta (24%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.2717, 59.0656, 52.4801 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 60.2717, 59.0656, 52.4801 by changing the saturation by 10% instead.




 60.2717, 59.0656,  
52.4801

 60.2717, 59.0656,  
52.4801


415.4172,  
421.1450, 413.2968

 43.8880, 42.6659,  
37.0030


 104.3278,  
103.4730, 95.2727

 30.7800, 29.6231,  
24.9140


132.7309,  
132.2495, 123.4253

 20.5824, 19.5527,  
15.7946


165.8711,  
165.9204, 156.6401

 12.9298, 12.0703,  
9.2261

204.1139,  
204.8702, 195.3357

 7.4569, 6.7916,  
4.7901

247.8245,  
249.4831, 239.9306

 3.7983, 3.3321,  
2.0681

297.3684,

 1.5887, 1.3075,

300.1436, 290.8435

0.5967

353.1108,  
357.2361, 348.4927

■ 0.3850, 0.1470,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 60.2717, 59.0656,  
52.4801

■ 60.2717, 59.0656,  
52.4801

■ 54.5885, 51.1817,  
39.8490

■ 66.7568, 67.9331,  
67.2892

■ 49.6704, 44.2390,  
29.2887

■ 74.0694, 77.8087,  
84.3692

■ 45.4844, 38.2040,  
20.6887

■ 82.2398, 88.7261,  
103.8117

■ 41.9932, 33.0379,  
13.9263

■ 86.1233, 95.3981,  
108.4822

■ 39.1562, 28.6989,  
8.8650

■ 36.9278, 25.1415,  
5.3490

■ 35.2554, 22.3153,  
3.1931

■ 34.1109, 20.2533,  
2.1114

# Harmonies

## Analogous

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



62.0362, 59.0656, 59.2778



60.2717, 59.0656, 52.4801



57.4364, 59.0656, 48.9948

# Triad

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



60.2717, 59.0656, 52.4801



50.5001, 59.0656, 60.6978



57.9654, 59.0656, 82.0601

# Complementary

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



60.2717, 59.0656, 52.4801



57.9897, 64.7124, 83.5635

# 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.



54.8634, 59.0656, 82.5299



60.2717, 59.0656, 52.4801



50.6299, 59.0656, 69.6243

# Square

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



60.2717, 59.0656, 52.4801



51.8403, 59.0656, 53.4368



52.2017, 59.0656, 77.8016



60.6712, 59.0656, 76.5718



# Rectangle

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



60.2717, 59.0656, 52.4801



55.3552, 59.0656, 48.7853



52.2017, 59.0656, 77.8016



56.9323, 59.0656, 82.8273

# Sweetspot

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



60.2733, 59.0683, 52.4813



89.2543, 92.1947, 95.2958



61.4968, 55.0967, 72.6766



18.9741, 19.5578, 20.0942



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.



60.2733, 59.0683, 52.4813



73.4447, 70.5790, 59.1867



65.8372, 70.1961, 54.3360



14.6999, 15.0138, 15.0276



19.5897, 11.7535, 1.2362



1.5238, 1.0209, 0.1167

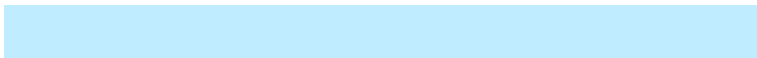


# Inverse Universe

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



57.9897, 64.7124, 83.5635



69.9876, 79.1065, 106.1881



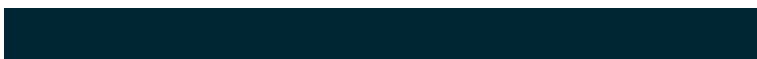
52.4976, 53.7282, 81.7328



14.4526, 15.6267, 18.3988



15.9511, 18.9643, 45.2029



1.2557, 1.5552, 3.3660



# Previews

## White Background



This preview shows how the XYZ color 60.2717, 59.0656, 52.4801 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

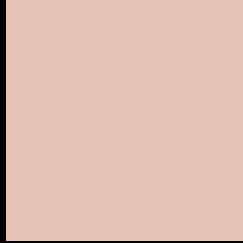
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 60.2717, 59.0656, 52.4801 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

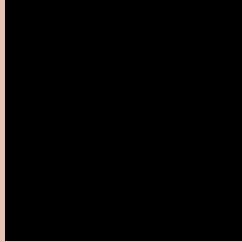
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 60.2717, 59.0656, 52.4801

## Background



This preview shows how black text looks on a background with the XYZ color 60.2717, 59.0656, 52.4801.



This preview shows how white text looks on a background with the XYZ color 60.2717, 59.0656,



# 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

60.2717, 59.0656, 52.4801

### Protanopia

56.4558, 59.4455, 54.3975

### Deuteranopia

60.2717, 59.0656, 52.4801



## Tritanopia

63.0501, 58.8736, 66.4332

# Trichromacy



## Original Color

60.2717, 59.0656, 52.4801

## Protanomaly

57.6904, 59.0593, 53.7064

## Deuteranomaly

60.2717, 59.0656, 52.4801

## Tritanomaly

61.8827, 58.7194, 60.8957

# Monochromacy



## Original Color

60.2717, 59.0656, 52.4801

## Achromatopsia

57.3938, 60.3827, 65.7568

## Achromatomaly

58.2910, 59.9049, 60.7151

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.2717, 59.0656, 52.4801 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, 195, 182)` looks like.

```
.text, #text, p{  
    color:rgb(229, 195, 182)  
}
```

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, 195, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 195, 182) }
```

## Border

The CSS property to change the border of an element to XYZ 60.2717, 59.0656, 52.4801 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, 195, 182) }
```



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

```
.border{ border-color:rgb(229, 195, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 195, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 195, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 195, 182);  
box-shadow:4px 4px 4px 4px rgb(229, 195,  
182) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.2717, 59.0656, 52.4801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 195, 182) }
```

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

```
.background{ background-color: rgb(229,  
195, 182) }
```

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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