

# Converting Colors

XYZ(61.2089, 60.7053, 58.8657)

Have a look what the booklet for  
XYZ(61.2089, 60.7053, 58.8657)  
contains.

<b>XYZ(61.4131, 60.8659, 58.9635)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(61.4131, 60.8659,  
58.9635)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2C7C1
RGB	226, 199, 193
RGB Percent	89%, 78%, 76%
CMY	0.1137, 0.2196, 0.2431
CMYK	0.00, 0.12, 0.15, 0.11
HSL	11°, 36%, 82%
HSV	11°, 15%, 89%
XYZ	61.4131, 60.8659, 58.9635
YIQ	206.3890, 18.0180, 3.8580

# Conversions

## Conversions Part 2

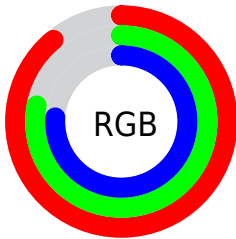
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	226, 200, 193
Decimal	14862273
CIE Lab	82.31, 8.52, 6.48
CIE LCh	82, 10.704, 37.223
Yxy	60.8659, 0.3388, 0.3358
Android (android.graphics.Color)	4293052353 (0xFFE2C7C1)
YUV	206.3890, -6.6008, 17.1988
Hunter-Lab	78.0166, 3.9826, 9.8013

# Details

The XYZ color **61.4131, 60.8659, 58.9635** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **61.3125, 68.0132, 81.8484**, and the grayscale version is **58.9498, 62.0198, 67.5395**.

A 20% lighter version of the original color is **94.0989, 99.6196, 103.8915**, and **31.4366, 30.6903, 29.0779** is the 20% darker color. If you saturate the color by 10%, you get **55.0840, 51.9383, 45.3514**, and if you desaturate by 10%, it is **68.6477, 70.9867, 74.7796**.

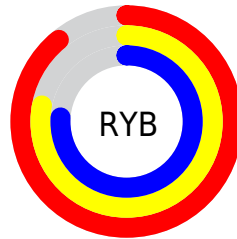
# Distribution



Red (89%)

Green (78%)

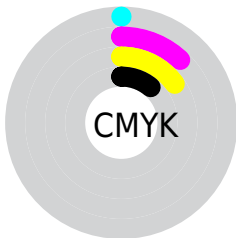
Blue (76%)



Red (89%)

Yellow (78%)

Blue (76%)

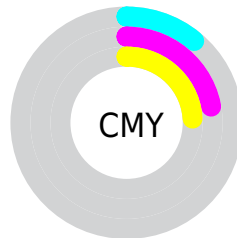


Cyan (0%)

Magenta (12%)

Yellow (15%)

Black (11%)



Cyan (11%)

Magenta (22%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4131, 60.8659, 58.9635 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 61.4131, 60.8659, 58.9635 by changing the saturation by 10% instead.





 61.4131, 60.8659,  
58.9635

 61.4131, 60.8659,  
58.9635


419.5388,  
427.7821, 438.4648

 44.8124, 44.1170,  
42.1639


 105.9716,  
106.0847, 104.8532

 31.5104, 30.7625,  
28.9031

134.6601,  
135.3234, 134.7804

 21.1415, 20.4180,  
18.7626

168.1086,  
169.4942, 169.9206

 13.3405, 12.6993,  
11.3238

206.6825,  
208.9813, 210.6923

 7.7421, 7.2218,  
6.1682

250.7471,  
254.1693, 257.5140

 3.9808, 3.6012,  
2.8772

300.6678,

 1.6913, 1.4531,

305.4425, 310.8043

1.0323

356.8099,  
363.1853, 370.9817

■ 0.4508, 0.2554,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.4131, 60.8659,  
58.9635

■ 61.4131, 60.8659,  
58.9635

■ 55.0840, 51.9383,  
45.3514

■ 68.6477, 70.9867,  
74.7796

■ 49.6194, 44.1518,  
33.8415

■ 76.8167, 82.3341,  
92.8876

■ 44.9828, 37.4626,  
24.3296

■ 85.0053, 94.5709,  
108.3815

■ 41.1329, 31.8210,  
16.7013

■ 85.1743, 94.9089,  
108.4378

■ 38.0248, 27.1731,  
10.8304

■ 35.6089, 23.4605,  
6.5751

■ 33.8293, 20.6182,  
3.7714

■ 32.6201, 18.5725,  
2.2199

■ 32.1614, 17.7631,  
1.7335

# Harmonies

## Analogous

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



62.3107, 60.8659, 64.7064



61.4131, 60.8659, 58.9635



59.5652, 60.8659, 55.3564

# Triad

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



61.4131, 60.8659, 58.9635



53.9022, 60.8659, 61.5293



58.4042, 60.8659, 79.5261

# Complementary

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



61.4131, 60.8659, 58.9635



61.3125, 68.0132, 81.8484

# 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.



56.1704, 60.8659, 78.5371



61.4131, 60.8659, 58.9635



53.6098, 60.8659, 67.8639

# Square

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



61.4131, 60.8659, 58.9635



55.2394, 60.8659, 56.7685



54.4298, 60.8659, 74.1621



60.5441, 60.8659, 76.7824



# Rectangle

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



61.4131, 60.8659, 58.9635



58.0639, 60.8659, 54.5055



54.4298, 60.8659, 74.1621



57.6391, 60.8659, 79.6221

# Sweetspot

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



61.4148, 60.8686, 58.9648



90.8465, 94.1516, 99.6112



63.4193, 59.5033, 76.2012



19.2805, 19.9232, 20.9587



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.



61.4148, 60.8686, 58.9648



77.6904, 75.7272, 70.9086



65.2907, 68.6206, 60.2568



13.9079, 14.1018, 14.2957



18.4101, 10.2581, 1.0097



1.3359, 0.8307, 0.0899

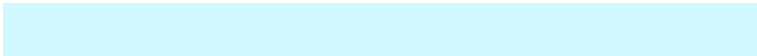


# Inverse Universe

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



61.3125, 68.0132, 81.8484



77.5262, 87.0966, 107.3330



57.3134, 60.0149, 80.5154



13.8934, 15.1260, 17.5750



17.7951, 23.0597, 44.5614



1.2894, 1.7102, 3.1074



# Previews

## White Background



This preview shows how the XYZ color 61.4131, 60.8659, 58.9635 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 61.4131, 60.8659, 58.9635 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

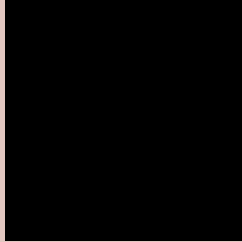
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.4131, 60.8659, 58.9635

## Background



This preview shows how black text looks on a background with the XYZ color 61.4131, 60.8659, 58.9635.



This preview shows how white text looks on a background with the XYZ color 61.4131, 60.8659,



# 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

61.4131, 60.8659, 58.9635

### Protanopia

58.4206, 61.0201, 60.9235

### Deuteranopia

62.1328, 60.8964, 58.9315



## Tritanopia

63.6185, 60.7273, 70.6558

# Trichromacy



## Original Color

61.4131, 60.8659, 58.9635

## Protanomaly

59.2898, 60.7801, 60.2366

## Deuteranomaly

61.8146, 60.7324, 58.9166

## Tritanomaly

62.6643, 60.6712, 66.1656

# Monochromacy



## Original Color

61.4131, 60.8659, 58.9635

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

59.3391, 61.0751, 63.9195

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.4131, 60.8659, 58.9635 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(226, 199, 193)` looks like.

```
.text, #text, p{  
    color:rgb(226, 199, 193)  
}
```

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(226, 199, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 199, 193) }
```

## Border

The CSS property to change the border of an element to XYZ 61.4131, 60.8659, 58.9635 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(226, 199, 193) }
```



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

```
.border{ border-color:rgb(226, 199, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 199, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 199, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 199, 193);  
box-shadow:4px 4px 4px 4px rgb(226, 199,  
193) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.4131, 60.8659, 58.9635 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 199, 193) }
```

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

```
.background{ background-color: rgb(226,  
199, 193) }
```

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