

# Converting Colors

XYZ(61.8280, 57.6800, 62.0904)

Have a look what the booklet for  
XYZ(61.8280, 57.6800, 62.0904)  
contains.

<b>XYZ(61.7851, 57.6745, 61.9087)</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(61.7851, 57.6745,  
61.9087)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8BDC7
RGB	232, 189, 199
RGB Percent	91%, 74%, 78%
CMY	0.0902, 0.2588, 0.2196
CMYK	0.00, 0.19, 0.14, 0.09
HSL	346°, 48%, 83%
HSV	346°, 19%, 91%
XYZ	61.7851, 57.6745, 61.9087
YIQ	202.9970, 22.4180, 12.2260

# Conversions

## Conversions Part 2

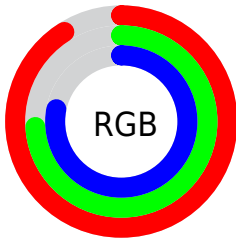
Format	Color
R <sub>Y</sub> B	232, 189, 199
Decimal	15252935
CIE Lab	80.56, 16.93, 0.79
CIE LCh	81, 16.953, 2.669
Yxy	57.6745, 0.3407, 0.3180
Android (android.graphics.Color)	4293443015 (0xFFE8BDC7)
YUV	202.9970, -1.9705, 25.4356
Hunter-Lab	75.9437, 12.3197, 4.8279

# Details

The XYZ color **61.7851, 57.6745, 61.9087** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **63.0300, 73.8074, 80.0350**, and the grayscale version is **56.7663, 59.7226, 65.0379**.

A 20% lighter version of the original color is **91.9424, 93.7848, 107.8641**, and **31.8195, 28.8828, 30.6859** is the 20% darker color. If you saturate the color by 10%, you get **55.2404, 47.7019, 50.1169**, and if you desaturate by 10%, it is **69.3733, 69.3455, 75.2432**.

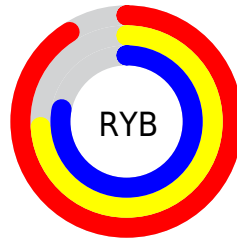
# Distribution



Red (91%)

Green (74%)

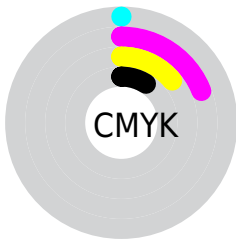
Blue (78%)



Red (91%)

Yellow (74%)

Blue (78%)

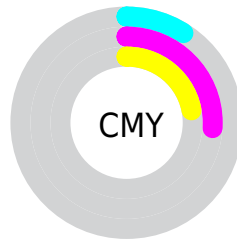


Cyan (0%)

Magenta (19%)

Yellow (14%)

Black (9%)



Cyan (9%)

Magenta (26%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.7851, 57.6745, 61.9087 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 61.7851, 57.6745, 61.9087 by changing the saturation by 10% instead.





 61.7851, 57.6745,  
61.9087

 61.7851, 57.6745,  
61.9087


420.8768,  
415.9720, 449.5964

 45.1140, 41.5470,  
44.5236


 106.5066,  
101.4487, 109.1639

 31.7489, 28.7468,  
30.7422


135.2877,  
129.8642, 139.8711

 21.3244, 18.8893,  
20.1458


168.8362,  
163.1445, 175.8560

 13.4751, 11.5903,  
12.3159

207.5174,  
201.6741, 217.5373

 7.8358, 6.4654,  
6.8341

251.6967,  
245.8372, 265.3334

 4.0410, 3.1301,  
3.2817

301.7395,

 1.7253, 1.2000,

296.0182, 319.6630

1.2402

358.0111,  
352.6017, 380.9445

■ 0.4721, 0.0617,  
0.0120

■ 0.0000, 0.0000,  
0.0000

■ 61.7851, 57.6745,  
61.9087

■ 61.7851, 57.6745,  
61.9087

■ 55.2404, 47.7019,  
50.1169

■ 69.3733, 69.3455,  
75.2432

■ 49.6880, 39.3409,  
39.8078

■ 78.0433, 82.7811,  
90.1703

■ 45.0800, 32.5086,  
30.9228

■ 86.6764, 95.7309,  
106.3548

■ 41.3621, 27.1118,  
23.3978

■ 87.0890, 95.8959,  
108.5274

■ 38.4747, 23.0468,  
17.1637

■ 36.3502, 20.1961,  
12.1450

■ 34.9100, 18.4210,  
8.2574

■ 34.0433, 17.5208,  
5.3999

■ 33.9434, 17.4217,  
5.0560

# Harmonies

## Analogous

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



60.9866, 57.6745, 72.0240



61.7851, 57.6745, 61.9087



60.6523, 57.6745, 53.0013

# Triad

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



61.7851, 57.6745, 61.9087



51.2810, 57.6745, 47.9932



51.7995, 57.6745, 81.4285

# Complementary

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



61.7851, 57.6745, 61.9087



63.0300, 73.8074, 80.0350

# 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.



49.3702, 57.6745, 73.7326



61.7851, 57.6745, 61.9087



49.0799, 57.6745, 54.3950

# Square

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



61.7851, 57.6745, 61.9087



54.5066, 57.6745, 45.5176



48.3952, 57.6745, 63.6952



55.1304, 57.6745, 83.9764



# Rectangle

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



61.7851, 57.6745, 61.9087



58.9812, 57.6745, 48.7454



48.3952, 57.6745, 63.6952



50.8553, 57.6745, 79.3203

# Sweetspot

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



61.7867, 57.6771, 61.9099



88.5284, 89.8903, 97.6823



62.8790, 57.7484, 84.1770



18.8032, 19.0151, 20.6561



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.



61.7867, 57.6771, 61.9099



73.5168, 66.8114, 71.2704



63.2284, 62.3573, 56.8509



14.5136, 14.4226, 15.6390



18.8840, 9.6878, 3.0184



1.4307, 0.7300, 0.4087



# Inverse Universe

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



61.7867, 57.6771, 61.9099



73.5168, 66.8114, 71.2704



61.2872, 68.1137, 86.2616



14.5136, 14.4226, 15.6390



18.8840, 9.6878, 3.0184



1.4307, 0.7300, 0.4087



# Previews

## White Background



This preview shows how the XYZ color 61.7851, 57.6745, 61.9087 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 61.7851, 57.6745, 61.9087 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

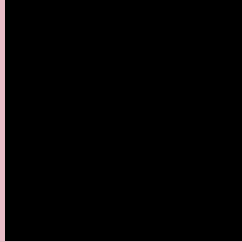
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.7851, 57.6745, 61.9087

## Background



This preview shows how black text looks on a background with the XYZ color 61.7851, 57.6745, 61.9087.



This preview shows how white text looks on a background with the XYZ color 61.7851, 57.6745,



# 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

61.7851, 57.6745, 61.9087

### Protanopia

55.8000, 57.8112, 65.9753

### Deuteranopia

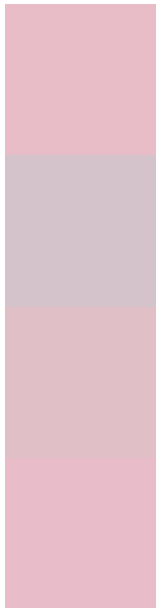
59.0000, 57.8764, 61.4877



## Tritanopia

62.3670, 57.6019, 64.3311

# Trichromacy



## Original Color

61.7851, 57.6745, 61.9087

## Protanomaly

57.7352, 57.4881, 64.5533

## Deuteranomaly

59.7831, 57.6238, 61.3977

## Tritanomaly

62.2482, 57.5543, 63.7054

# Monochromacy



## Original Color

61.7851, 57.6745, 61.9087

## Achromatopsia

56.7640, 59.7202, 65.0353

## Achromatomaly

58.5863, 58.9486, 64.1675

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.7851, 57.6745, 61.9087 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(232, 189, 199)` looks like.

```
.text, #text, p{  
    color:rgb(232, 189, 199)  
}
```

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(232, 189, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 189, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 61.7851, 57.6745, 61.9087 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(232, 189, 199) }
```



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

```
.border{ border-color:rgb(232, 189, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 189, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 189, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 189, 199);  
box-shadow:4px 4px 4px 4px rgb(232, 189,  
199) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.7851, 57.6745, 61.9087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 189, 199) }
```

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

```
.background{ background-color: rgb(232,  
189, 199) }
```

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