

# Converting Colors

XYZ(60.6816, 61.8919, 65.8004)

Have a look what the booklet for  
XYZ(60.6816, 61.8919, 65.8004)  
contains.

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# Color

**XYZ(60.5739, 61.6704,  
65.8377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D8CBCC
RGB	216, 203, 204
RGB Percent	85%, 80%, 80%
CMY	0.1529, 0.2039, 0.2000
CMYK	0.00, 0.06, 0.06, 0.15
HSL	355°, 14%, 82%
HSV	355°, 6%, 85%
XYZ	60.5739, 61.6704, 65.8377
YIQ	207.0010, 7.4270, 3.0670

# Conversions

## Conversions Part 2

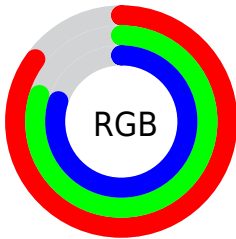
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	216, 203, 204
Decimal	14207948
CIE Lab	82.74, 4.69, 1.12
CIE LCh	83, 4.818, 13.382
Yxy	61.6704, 0.3221, 0.3279
Android (android.graphics.Color)	4292398028 (0xFFD8CBCC)
YUV	207.0010, -1.4795, 7.8921
Hunter-Lab	78.5305, 0.2562, 5.2643

# Details

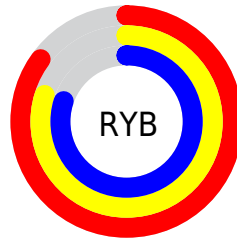
The XYZ color **60.5739, 61.6704, 65.8377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4525, 66.7161, 73.9319**, and the grayscale version is **59.3161, 62.4052, 67.9593**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.9504, 31.2740, 33.2594** is the 20% darker color. If you saturate the color by 10%, you get **53.5833, 51.2749, 52.4517**, and if you desaturate by 10%, it is **68.5850, 73.6152, 81.0767**.

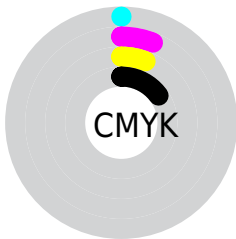
# Distribution



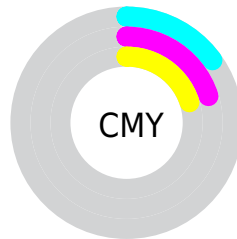
- Red (85%)
- Green (80%)
- Blue (80%)



- Red (85%)
- Yellow (80%)
- Blue (80%)



- Cyan (0%)
- Magenta (6%)
- Yellow (6%)
- Black (15%)



- Cyan (15%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 60.5739, 61.6704, 65.8377 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 60.5739, 61.6704, 65.8377 by changing the saturation by 10% instead.



60.5739, 61.6704,  
65.8377

60.5739, 61.6704,  
65.8377

416.5109,  
430.7278, 464.1846

44.1326, 44.7664,  
47.6850

104.7633,  
107.2490, 114.8781

30.9731, 31.2735,  
33.2193

133.2422,  
136.6925, 146.6030

20.7301, 20.8072,  
22.0220

166.4643,  
171.0845, 183.6889

13.0382, 12.9831,  
13.6746

204.7950,  
210.8096, 226.5546

7.5320, 7.4169,  
7.7585

248.5997,  
256.2520, 275.6184

3.8463, 3.7242,  
3.8553

298.2436,

1.6155, 1.5205,

307.7963, 331.2990

1.5463

354.0922,  
365.8268, 394.0149

■ 0.4025, 0.3031,  
0.2521

■ 0.0000, 0.0000,  
0.0000

■ 60.5739, 61.6704,  
65.8377

■ 60.5739, 61.6704,  
65.8377

■ 53.5833, 51.2749,  
52.4517

■ 68.5850, 73.6152,  
81.0767

■ 47.5673, 42.3575,  
40.8442

■ 77.6499, 87.1606,  
98.2314

■ 42.4841, 34.8537,  
30.9415

■ 82.1292, 93.3391,  
108.2953

■ 38.2869, 28.6907,  
22.6632

■ 34.9248, 23.7895,  
15.9225

■ 32.3419, 20.0629,  
10.6246

■ 30.4751, 17.4123,  
6.6638

■ 29.2518, 15.7233,  
3.9204

■ 28.5828, 14.8539,  
2.2525

# Harmonies

## Analogous

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



60.5442, 61.6704, 68.7923



60.5739, 61.6704, 65.8377



60.0746, 61.6704, 63.3083

# Triad

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



60.5739, 61.6704, 65.8377



57.2591, 61.6704, 63.0897



58.0484, 61.6704, 72.7611

# Complementary

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



60.5739, 61.6704, 65.8377



61.4525, 66.7161, 73.9319

# 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.



57.1809, 61.6704, 71.1411



60.5739, 61.6704, 65.8377



56.7289, 61.6704, 65.5313

# Square

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



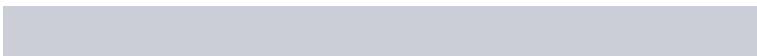
60.5739, 61.6704, 65.8377



58.1563, 61.6704, 61.7535



56.7005, 61.6704, 68.4767



59.0778, 61.6704, 72.8490



# Rectangle

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



60.5739, 61.6704, 65.8377



59.5123, 61.6704, 62.1795



56.7005, 61.6704, 68.4767



57.7285, 61.6704, 72.3755

# Sweetspot

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



60.5756, 61.6731, 65.8390



92.6955, 96.4895, 104.4206



61.7523, 62.1069, 73.6997



19.8653, 20.6895, 22.3973



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

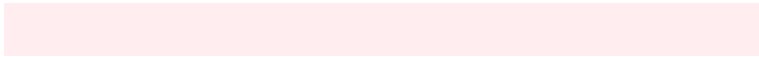


# Same Dimension

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



60.5756, 61.6731, 65.8390



87.0765, 88.1188, 93.7080



61.7578, 64.2280, 65.6454



12.7542, 12.8717, 13.6640



16.8352, 8.6704, 1.1703



1.0292, 0.5285, 0.1432



# Inverse Universe

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



60.5756, 61.6731, 65.8390



87.0765, 88.1188, 93.7080



60.2164, 64.0383, 74.1534



12.7542, 12.8717, 13.6640



16.8352, 8.6704, 1.1703

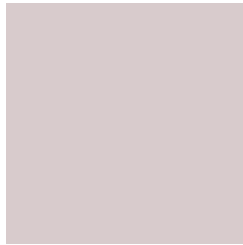


1.0292, 0.5285, 0.1432



# Previews

## White Background



This preview shows how the XYZ color 60.5739, 61.6704, 65.8377 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 60.5739, 61.6704, 65.8377 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

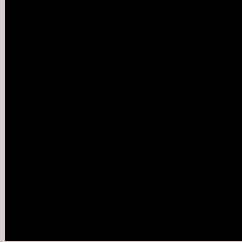
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

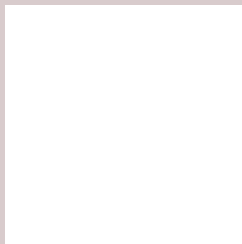
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 60.5739, 61.6704, 65.8377**

## **Background**



This preview shows how black text looks on a background with the XYZ color 60.5739, 61.6704, 65.8377.



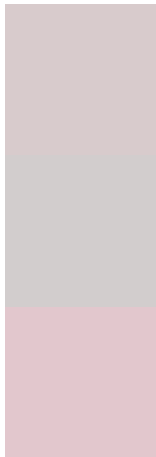
This preview shows how white text looks on a background with the XYZ color 60.5739, 61.6704,



# 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

60.5739, 61.6704, 65.8377

### Protanopia

59.4291, 61.7721, 66.5486

### Deuteranopia

62.8069, 61.4234, 66.3032



## Tritanopia

62.3245, 61.6885, 74.2679

# Trichromacy



## Original Color

60.5739, 61.6704, 65.8377

## Protanomaly

59.7637, 61.5906, 66.4959

## Deuteranomaly

61.7979, 61.2459, 66.3222

## Tritanomaly

61.6195, 61.7462, 70.9579

# Monochromacy



## Original Color

60.5739, 61.6704, 65.8377

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.7902, 62.3005, 67.2664

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 60.5739, 61.6704, 65.8377 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(216, 203, 204) looks like.

```
.text, #text, p{  
    color:rgb(216, 203, 204)  
}
```

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(216, 203, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 203, 204) }
```

## Border

The CSS property to change the border of an element to XYZ 60.5739, 61.6704, 65.8377 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(216, 203, 204) }
```



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

```
.border{ border-color:rgb(216, 203, 204) }
```

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

Here you see how a box with a 4 pixel rgb(216, 203, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 203, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 203, 204);  
box-shadow:4px 4px 4px 4px rgb(216, 203,  
204) }
```

# Background

The CSS property to change the background color of an element to XYZ 60.5739, 61.6704, 65.8377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 203, 204) }
```

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

```
.background{ background-color: rgb(216,  
203, 204) }
```

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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