

# Converting Colors

XYZ(61.1440, 65.6454, 60.7310)

Have a look what the booklet for  
XYZ(61.1440, 65.6454, 60.7310)  
contains.

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# **Color**

**XYZ(61.2634, 65.7797,  
60.5068)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D6D5C2
RGB	214, 213, 194
RGB Percent	84%, 84%, 76%
CMY	0.1608, 0.1647, 0.2392
CMYK	0.00, 0.00, 0.09, 0.16
HSL	57°, 20%, 80%
HSV	57°, 9%, 84%
XYZ	61.2634, 65.7797, 60.5068
YIQ	211.1330, 6.6950, -5.6970

# Conversions

## Conversions Part 2

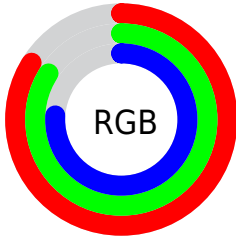
Format	Color
<a href="#">RYB</a>	<a href="#">195, 214, 194</a>
Decimal	<a href="#">14079426</a>
CIELab	<a href="#">84.88, -2.94, 9.51</a>
CIElCh	<a href="#">85, 9.952, 107.163</a>
Yxy	<a href="#">65.7797, 0.3267, 0.3507</a>
Android (android.graphics.Color)	<a href="#">4292269506</a> ( <a href="#">0xFFD6D5C2</a> )
YUV	<a href="#">211.1330, -8.4466, 2.5144</a>
Hunter-Lab	<a href="#">81.1047, -7.1011, 12.5410</a>

# Details

The XYZ color **61.2634, 65.7797, 60.5068** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9008, 55.3536, 71.4623**, and the grayscale version is **62.0573, 65.2891, 71.0998**.

A 20% lighter version of the original color is **94.2553, 99.6821, 104.7153**, and **31.2586, 33.7181, 29.6717** is the 20% darker color. If you saturate the color by 10%, you get **58.7646, 64.3550, 48.6579**, and if you desaturate by 10%, it is **64.1137, 67.3521, 74.1821**.

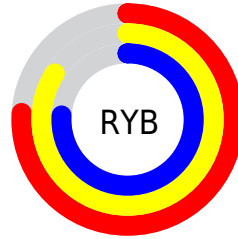
# Distribution



Red (84%)

Green (84%)

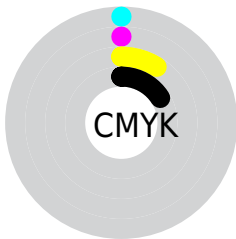
Blue (76%)



Red (76%)

Yellow (84%)

Blue (76%)

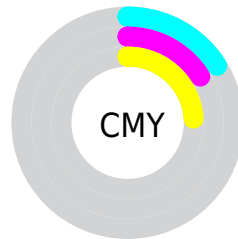


Cyan (0%)

Magenta (0%)

Yellow (9%)

Black (16%)



Cyan (16%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2634, 65.7797, 60.5068 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 61.2634, 65.7797, 60.5068 by changing the saturation by 10% instead.



■ 61.2634, 65.7797,  
60.5068

■ 61.2634, 65.7797,  
60.5068

418.9996,  
445.5886, 444.3197

■ 44.6911, 48.0936,  
43.3993

■ 105.7562,  
113.1701, 107.1151

■ 31.4144, 33.9010,  
29.8648

134.4074,  
143.6432, 137.4529

■ 21.0680, 22.8176,  
19.4848

167.8156,  
179.1473, 173.0379

■ 13.2865, 14.4589,  
11.8408

206.3463,  
220.0670, 214.2886

■ 7.7045, 8.4405,  
6.5141

250.3646,  
266.7866, 261.6237

■ 3.9566, 4.3781,  
3.0863

300.2360,

■ 1.6776, 1.8872,

319.6904, 315.4615

1.1389

356.3259,  
379.1630, 376.2206

■ 0.4422, 0.5407,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 61.2634, 65.7797,  
60.5068

■ 61.2634, 65.7797,  
60.5068

■ 58.7646, 64.3550,  
48.6579

■ 64.1137, 67.3521,  
74.1821

■ 56.5973, 63.0635,  
38.5535

■ 67.3240, 69.0692,  
89.7524

■ 54.7474, 61.9018,  
30.1120

■ 70.3892, 70.7311,  
104.5503

■ 53.1978, 60.8631,  
23.2435

■ 70.6634, 71.2794,  
104.6417

■ 51.9299, 59.9398,  
17.8496

■ 70.9393, 71.8313,  
104.7337

■ 50.9228, 59.1236,  
13.8209

■ 71.2170, 72.3867,  
104.8262

■ 50.1530, 58.4052,  
11.0327

■ 71.4965, 72.9456,  
104.9194

■ 49.5924, 57.7732,  
9.3377

■ 71.7777, 73.5081,  
105.0131

■ 49.1943, 57.2089,  
8.4898

■ 72.0608, 74.0742,  
105.1075

# Harmonies

## Analogous

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



63.4802, 65.7797, 60.2924



61.2634, 65.7797, 60.5068



59.4263, 65.7797, 63.5850

# Triad

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



61.2634, 65.7797, 60.5068



59.6481, 65.7797, 81.0216



66.8012, 65.7797, 74.3892

# Complementary

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



61.2634, 65.7797, 60.5068



53.9008, 55.3536, 71.4623

# 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.



65.7226, 65.7797, 80.3112



61.2634, 65.7797, 60.5068



61.5727, 65.7797, 84.2908

# Square

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



61.2634, 65.7797, 60.5068



58.5091, 65.7797, 75.3124



63.7970, 65.7797, 84.0234



66.7135, 65.7797, 68.0559



# Rectangle

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



61.2634, 65.7797, 60.5068



58.6482, 65.7797, 66.9567



63.7970, 65.7797, 84.0234



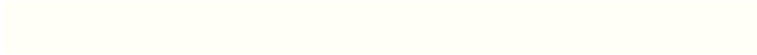
66.5619, 65.7797, 76.5011

# Sweetspot

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



61.2652, 65.7826, 60.5082



93.7212, 99.2743, 102.5014



56.8745, 56.8208, 59.6006



19.9860, 21.2080, 21.5827



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.



61.2652, 65.7826, 60.5082



90.4144, 97.4356, 86.6785



58.9618, 64.9680, 60.4724



13.4174, 14.4090, 13.2348



29.7432, 34.6036, 5.1115



1.8106, 2.1204, 0.3138



# Inverse Universe

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



53.9008, 55.3536, 71.4623



77.5515, 79.2203, 105.8114



56.0588, 56.1361, 71.4996



11.7917, 12.1068, 15.6529



7.4287, 3.1192, 38.6637

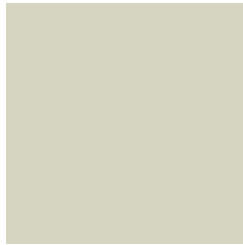


0.4659, 0.2238, 2.3380



# Previews

## White Background



This preview shows how the XYZ color 61.2634, 65.7797, 60.5068 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 61.2634, 65.7797, 60.5068 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

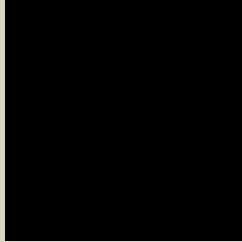
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

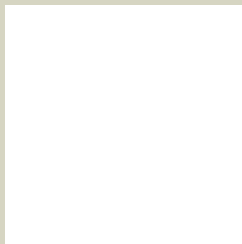
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 61.2634, 65.7797, 60.5068

## Background



This preview shows how black text looks on a background with the XYZ color 61.2634, 65.7797, 60.5068.



This preview shows how white text looks on a background with the XYZ color 61.2634, 65.7797,



# 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

61.2634, 65.7797, 60.5068

### Protanopia

62.4351, 65.6544, 59.8340

### Deuteranopia

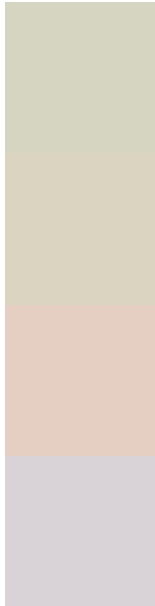
66.8166, 65.3484, 61.3164



## Tritanopia

65.0599, 65.4534, 80.4389

# Trichromacy



## Original Color

61.2634, 65.7797, 60.5068

## Protanomaly

62.0826, 65.8426, 59.8889

## Deuteranomaly

64.4762, 65.2238, 60.8209

## Tritanomaly

63.7995, 65.6999, 72.9371

# Monochromacy



## Original Color

61.2634, 65.7797, 60.5068

## Achromatopsia

61.9161, 65.1406, 70.9381

## Achromatomaly

61.7143, 65.4918, 67.1461

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.2634, 65.7797, 60.5068 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(214, 213, 194) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 194)  
}
```

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(214, 213, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 194) }
```

## Border

The CSS property to change the border of an element to XYZ 61.2634, 65.7797, 60.5068 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(214, 213, 194) }
```



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

```
.border{ border-color:rgb(214, 213, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 194);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
194) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.2634, 65.7797, 60.5068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 194) }
```

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

```
.background{ background-color: rgb(214,  
213, 194) }
```

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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