

# Converting Colors

XYZ(61.3435, 63.3413, 64.6081)

Have a look what the booklet for  
XYZ(61.3435, 63.3413, 64.6081)  
contains.

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# **Color**

**XYZ(61.5888, 63.6416,  
64.9151)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D9CFCA
RGB	217, 207, 202
RGB Percent	85%, 81%, 79%
CMY	0.1490, 0.1882, 0.2078
CMYK	0.00, 0.05, 0.07, 0.15
HSL	20°, 16%, 82%
HSV	20°, 7%, 85%
XYZ	61.5888, 63.6416, 64.9151
YIQ	209.4200, 7.5650, 0.5650

# Conversions

## Conversions Part 2

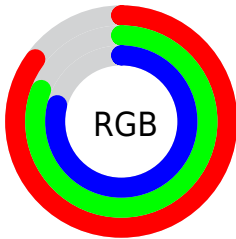
Format	Color
R <sub>Y</sub> B	217, 210, 202
Decimal	14274506
CIE Lab	83.78, 2.59, 3.70
CIE LCh	84, 4.519, 55.035
Yxy	63.6416, 0.3239, 0.3347
Android (android.graphics.Color)	4292464586 (0xFFD9CFCA)
YUV	209.4200, -3.6581, 6.6477
Hunter-Lab	79.7757, -1.8010, 7.5975

# Details

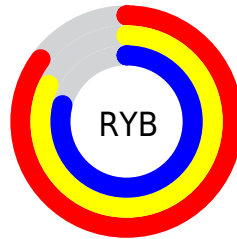
The XYZ color **61.5888, 63.6416, 64.9151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.4250, 64.6524, 74.9410**, and the grayscale version is **60.8998, 64.0713, 69.7737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.6368, 32.6020, 32.6423** is the 20% darker color. If you saturate the color by 10%, you get **55.8539, 55.9980, 51.2060**, and if you desaturate by 10%, it is **68.0096, 72.0772, 80.6368**.

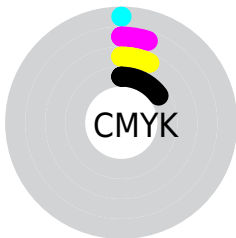
# Distribution



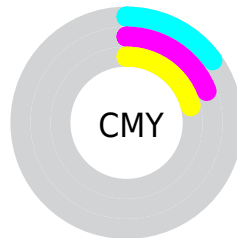
- Red (85%)
- Green (81%)
- Blue (79%)



- Red (85%)
- Yellow (82%)
- Blue (79%)



- Cyan (0%)
- Magenta (5%)
- Yellow (7%)
- Black (15%)



- Cyan (15%)
- Magenta (19%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5888, 63.6416, 64.9151 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 61.5888, 63.6416, 64.9151 by changing the saturation by 10% instead.



■ 61.5888, 63.6416,  
64.9151

■ 61.5888, 63.6416,  
64.9151

420.1711,  
437.8942, 460.7847

■ 44.9549, 46.3605,  
46.9413

106.2243,  
110.0946, 113.5399

■ 31.6230, 32.5304,  
32.6353

134.9566,  
140.0353, 145.0280

■ 21.2279, 21.7669,  
21.5784

168.4524,  
174.9646, 181.8580

■ 13.4041, 13.6857,  
13.3521

207.0770,  
215.2669, 224.4484

■ 7.7863, 7.9024,  
7.5379

251.1958,  
261.3266, 273.2177

■ 4.0092, 4.0326,  
3.7172

301.1742,

■ 1.7073, 1.6918,

313.5282, 328.5845

1.4715

357.3775,  
372.2559, 390.9673

■ 0.4608, 0.4183,  
0.1966

■ 0.0000, 0.0000,  
0.0000

■ 61.5888, 63.6416,  
64.9151

■ 61.5888, 63.6416,  
64.9151

■ 55.8539, 55.9980,  
51.2060

■ 68.0096, 72.0772,  
80.6368

■ 50.7759, 49.1148,  
39.4237

■ 75.1332, 81.3185,  
98.4442

■ 46.3316, 42.9706,  
29.4819

■ 80.9724, 90.5854,  
107.8248

■ 42.4944, 37.5397,  
21.2865

■ 82.4257, 93.4919,  
108.3092

■ 39.2356, 32.7949,  
14.7347

■ 36.5238, 28.7071,  
9.7129

■ 34.3244, 25.2448,  
6.0926

■ 32.5980, 22.3736,  
3.7243

■ 31.2959, 20.0537,  
2.4137

# Harmonies

## Analogous

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



62.2337, 63.6416, 67.0094



61.5888, 63.6416, 64.9151



60.6546, 63.6416, 63.9954

# Triad

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



61.5888, 63.6416, 64.9151



58.6095, 63.6416, 68.8233



61.3000, 63.6416, 74.3616

# Complementary

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



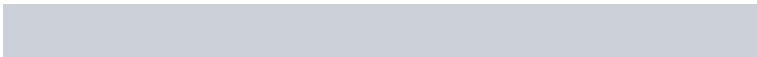
61.5888, 63.6416, 64.9151



60.4250, 64.6524, 74.9410

# 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.



60.3246, 63.6416, 74.8792



61.5888, 63.6416, 64.9151



58.7781, 63.6416, 71.6317

# Square

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



61.5888, 63.6416, 64.9151



58.9402, 63.6416, 66.2121



59.4032, 63.6416, 73.8674



62.0656, 63.6416, 72.4719



# Rectangle

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



61.5888, 63.6416, 64.9151



59.9961, 63.6416, 64.1534



59.4032, 63.6416, 73.8674



60.9855, 63.6416, 74.7040

# Sweetspot

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



61.5906, 63.6444, 64.9165



93.1649, 97.5265, 104.2745



61.6204, 61.7472, 70.9589



19.9609, 20.9007, 22.3675



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

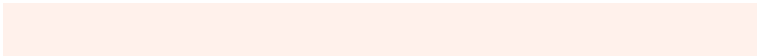


# Same Dimension

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



61.5906, 63.6444, 64.9165



87.7530, 90.3857, 91.1157



63.4502, 67.3636, 65.5363



13.4092, 13.7577, 13.6743



18.8273, 11.9402, 1.3124



1.2975, 0.9290, 0.1109

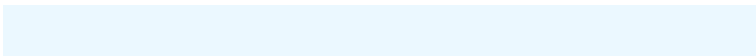


# Inverse Universe

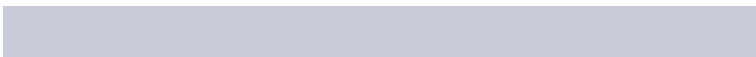
The Inverse Universe completely reimagines the original color for something new.



60.4250, 64.6524, 74.9410



85.8064, 92.0689, 107.8563



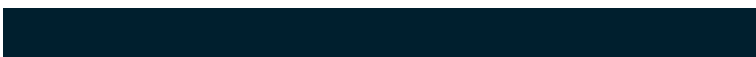
58.5943, 60.9911, 74.3307



13.0599, 14.0596, 16.6776



13.7761, 15.4217, 41.9890

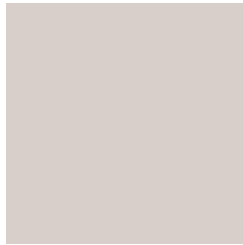


0.9705, 1.1551, 2.7463



# Previews

## White Background



This preview shows how the XYZ color 61.5888, 63.6416, 64.9151 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

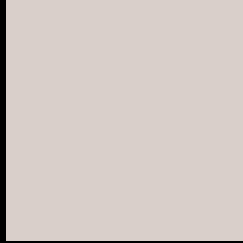
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 61.5888, 63.6416, 64.9151 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

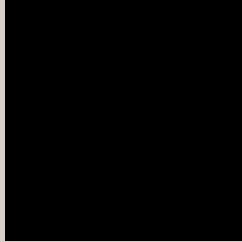
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 61.5888, 63.6416, 64.9151

## Background



This preview shows how black text looks on a background with the XYZ color 61.5888, 63.6416, 64.9151.



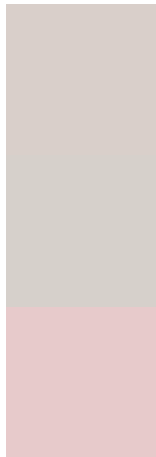
This preview shows how white text looks on a background with the XYZ color 61.5888, 63.6416,



# 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

61.5888, 63.6416, 64.9151

### Protanopia

61.0669, 63.7197, 65.5805

### Deuteranopia

64.8550, 63.5418, 65.3465



## Tritanopia

64.0263, 63.5687, 76.6056

# Trichromacy



## Original Color

61.5888, 63.6416, 64.9151

## Protanomaly

61.3597, 63.8706, 65.5942

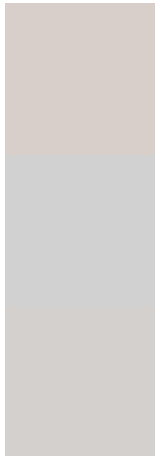
## Deuteranomaly

63.7364, 63.6663, 65.4295

## Tritanomaly

63.0550, 63.5268, 71.8893

# Monochromacy



## Original Color

61.5888, 63.6416, 64.9151

## Achromatopsia

60.6036, 63.7597, 69.4343

## Achromatomaly

60.8478, 63.5650, 67.4548

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 61.5888, 63.6416, 64.9151 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(217, 207, 202) looks like.

```
.text, #text, p{  
    color:rgb(217, 207, 202)  
}
```

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(217, 207, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 207, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 61.5888, 63.6416, 64.9151 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(217, 207, 202) }
```



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

```
.border{ border-color:rgb(217, 207, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 207, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 207, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 207, 202);  
box-shadow:4px 4px 4px 4px rgb(217, 207,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 61.5888, 63.6416, 64.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 207, 202) }
```

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

```
.background{ background-color: rgb(217,  
207, 202) }
```

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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