

# Converting Colors

XYZ(62.3516, 67.8786, 59.6848)

Have a look what the booklet for  
XYZ(62.3516, 67.8786, 59.6848)  
contains.

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# Color

**XYZ(62.3516, 67.8786,  
59.6848)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7D9C0
RGB	215, 217, 192
RGB Percent	84%, 85%, 75%
CMY	0.1569, 0.1490, 0.2471
CMYK	0.01, 0.00, 0.12, 0.15
HSL	65°, 25%, 80%
HSV	65°, 12%, 85%
XYZ	62.3516, 67.8786, 59.6848
YIQ	213.5520, 6.8330, -8.1990

# Conversions

## Conversions Part 2

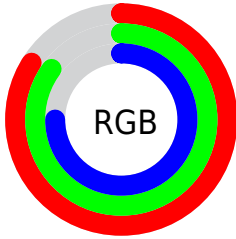
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	192, 217, 194
Decimal	14145984
CIE Lab	85.95, -4.97, 12.09
CIE LCh	86, 13.070, 112.356
Yxy	67.8786, 0.3283, 0.3574
Android (android.graphics.Color)	4292336064 (0xFFD7D9C0)
YUV	213.5520, -10.6251, 1.2699
Hunter-Lab	82.3885, -9.0910, 14.7204

# Details

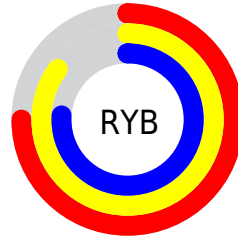
The XYZ color **62.3516, 67.8786, 59.6848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6249, 54.1803, 73.2809**, and the grayscale version is **63.6830, 66.9994, 72.9624**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **32.0777, 35.1783, 29.5255** is the 20% darker color. If you saturate the color by 10%, you get **59.6148, 66.7274, 47.9174**, and if you desaturate by 10%, it is **65.4521, 69.1804, 73.3226**.

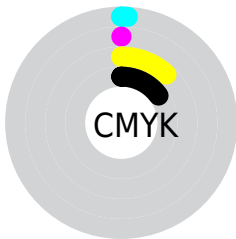
# Distribution



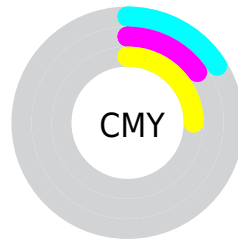
- Red (84%)
- Green (85%)
- Blue (75%)



- Red (75%)
- Yellow (85%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (12%)
- Black (15%)



- Cyan (16%)
- Magenta (15%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 62.3516, 67.8786, 59.6848 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 62.3516, 67.8786, 59.6848 by changing the saturation by 10% instead.



■ 62.3516, 67.8786,  
59.6848

■ 62.3516, 67.8786,  
59.6848

422.9096,  
453.0658, 441.2073

■ 45.5735, 49.7990,  
42.7410

■ 107.3206,  
116.1785, 105.9112

■ 32.1126, 35.2537,  
29.3520

136.2423,  
147.1675, 136.0308

■ 21.6035, 23.8584,  
19.0994

169.9425,  
183.2284, 171.3795

■ 13.6808, 15.2286,  
11.5646

208.7866,  
224.7457, 212.3758

■ 7.9792, 8.9800,  
6.3290

253.1401,  
272.1036, 259.4382

■ 4.1333, 4.7281,  
2.9742

303.3681,

■ 1.7778, 2.0886,

325.6867, 312.9852

1.0815

359.8362,  
385.8793, 373.4354

■ 0.5043, 0.6582,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 62.3516, 67.8786,  
59.6848

■ 62.3516, 67.8786,  
59.6848

■ 59.6148, 66.7274,  
47.9174

■ 65.4521, 69.1804,  
73.3226

■ 57.2207, 65.7117,  
37.9347

■ 68.9253, 70.6296,  
88.9029

■ 55.1546, 64.8278,  
29.6506

■ 72.4462, 72.0986,  
104.7058

■ 53.3983, 64.0684,  
22.9705

■ 72.9763, 72.3719,  
104.7306

■ 51.9322, 63.4258,  
17.7903

■ 73.5119, 72.6480,  
104.7557

■ 50.7342, 62.8910,  
13.9937

■ 74.0530, 72.9269,  
104.7810

■ 49.7789, 62.4538,  
11.4474

■ 74.5997, 73.2087,  
104.8066

■ 49.0360, 62.1023,  
9.9919

■ 75.1518, 73.4934,  
104.8325

■ 48.5287, 61.8538,  
9.3812

■ 75.7096, 73.7809,  
104.8586

# Harmonies

## Analogous

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



65.2854, 67.8786, 58.7423



62.3516, 67.8786, 59.6848



60.0647, 67.8786, 64.2890

# Triad

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



62.3516, 67.8786, 59.6848



61.0640, 67.8786, 87.7469



70.3921, 67.8786, 76.1232

# Complementary

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



62.3516, 67.8786, 59.6848



53.6249, 54.1803, 73.2809

# 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.



69.1832, 67.8786, 84.4422



62.3516, 67.8786, 59.6848



63.7538, 67.8786, 91.4828

# Square

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



62.3516, 67.8786, 59.6848



59.3375, 67.8786, 80.3583



66.7311, 67.8786, 90.2289



69.9885, 67.8786, 67.8129



# Rectangle

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



62.3516, 67.8786, 59.6848



59.1846, 67.8786, 69.0227



66.7311, 67.8786, 90.2289



70.1596, 67.8786, 79.0191

# Sweetspot

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



62.3534, 67.8816, 59.6863



93.6173, 99.4009, 102.5313



57.3496, 56.9946, 57.8486



19.9578, 21.2423, 21.5909



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.



62.3534, 67.8816, 59.6863



88.7805, 97.3714, 81.3404



58.9130, 66.1080, 59.5253



14.0539, 15.2080, 13.9203



29.4173, 37.4626, 5.6806



1.9370, 2.4431, 0.3695



# Inverse Universe

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



53.6249, 54.1803, 73.2809



73.6338, 73.5950, 104.9321



56.8761, 55.8563, 73.4330



12.4349, 12.6668, 16.4417



7.7612, 3.1252, 39.9326



0.5372, 0.2202, 2.5886



# Previews

## White Background



This preview shows how the XYZ color 62.3516, 67.8786, 59.6848 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

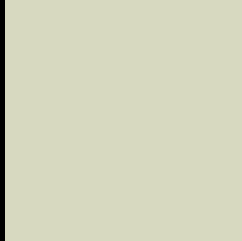
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 62.3516, 67.8786, 59.6848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

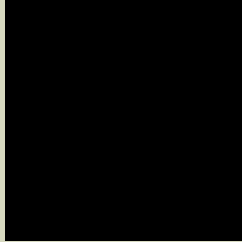
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

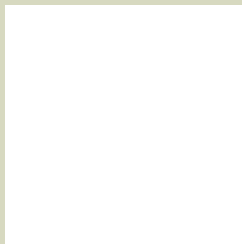
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 62.3516, 67.8786, 59.6848

## Background



This preview shows how black text looks on a background with the XYZ color 62.3516, 67.8786, 59.6848.



This preview shows how white text looks on a background with the XYZ color 62.3516, 67.8786,



# 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

62.3516, 67.8786, 59.6848

### Protanopia

64.1910, 67.7020, 58.9748

### Deuteranopia

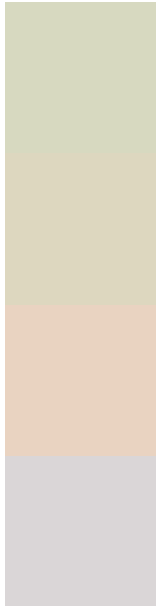
69.0126, 67.5754, 60.4449



## Tritanopia

67.0623, 67.9040, 82.9710

# Trichromacy



## Original Color

62.3516, 67.8786, 59.6848

## Protanomaly

63.5232, 67.7346, 59.0163

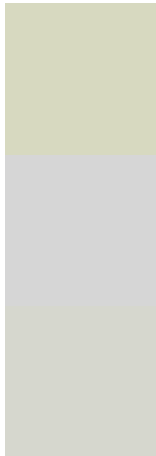
## Deuteranomaly

66.5242, 67.7624, 60.0253

## Tritanomaly

65.2258, 67.9049, 73.9592

# Monochromacy



## Original Color

62.3516, 67.8786, 59.6848

## Achromatopsia

63.9157, 67.2443, 73.2291

## Achromatomaly

63.1726, 67.3533, 68.0634

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 62.3516, 67.8786, 59.6848 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(215, 217, 192) looks like.

```
.text, #text, p{  
    color:rgb(215, 217, 192)  
}
```

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(215, 217, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 217, 192) }
```

## Border

The CSS property to change the border of an element to XYZ 62.3516, 67.8786, 59.6848 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(215, 217, 192) }
```



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

```
.border{ border-color:rgb(215, 217, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 217, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 217, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 217, 192);  
box-shadow:4px 4px 4px 4px rgb(215, 217,  
192) }
```

# Background

The CSS property to change the background color of an element to XYZ 62.3516, 67.8786, 59.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 217, 192) }
```

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

```
.background{ background-color: rgb(215,  
217, 192) }
```

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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