

# Converting Colors

XYZ(59.9977, 62.0860, 57.2885)

Have a look what the booklet for  
XYZ(59.9977, 62.0860, 57.2885)  
contains.

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# **Color**

**XYZ(59.8006, 61.8089,  
57.4937)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DACCBE
RGB	218, 204, 190
RGB Percent	85%, 80%, 75%
CMY	0.1451, 0.2000, 0.2549
CMYK	0.00, 0.06, 0.13, 0.15
HSL	30°, 27%, 80%
HSV	30°, 13%, 85%
XYZ	59.8006, 61.8089, 57.4937
YIQ	206.5900, 12.8380, -1.3860

# Conversions

## Conversions Part 2

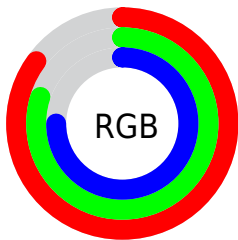
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	218, 218, 190
Decimal	14339262
CIE Lab	82.81, 2.53, 8.71
CIE LCh	83, 9.072, 73.807
Yxy	61.8089, 0.3339, 0.3451
Android (android.graphics.Color)	4292529342 (0xFFDACCBE)
YUV	206.5900, -8.1789, 10.0066
Hunter-Lab	78.6186, -1.8081, 11.6744

# Details

The XYZ color **59.8006, 61.8089, 57.4937** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.4828, 59.1937, 74.8315**, and the grayscale version is **59.0910, 62.1684, 67.7014**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.5260, 31.4054, 28.1199** is the 20% darker color. If you saturate the color by 10%, you get **55.0944, 55.9282, 45.0357**, and if you desaturate by 10%, it is **65.0479, 68.2001, 71.8918**.

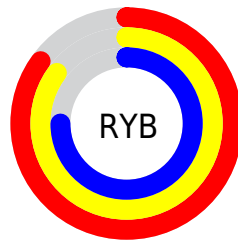
# Distribution



Red (85%)

Green (80%)

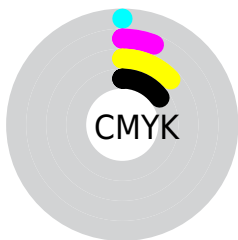
Blue (75%)



Red (85%)

Yellow (85%)

Blue (75%)

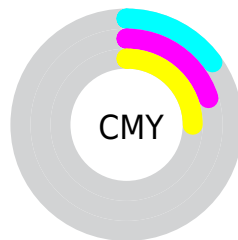


Cyan (0%)

Magenta (6%)

Yellow (13%)

Black (15%)



Cyan (15%)

Magenta (20%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8006, 61.8089, 57.4937 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 59.8006, 61.8089, 57.4937 by changing the saturation by 10% instead.




 59.8006, 61.8089,  
57.4937

 59.8006, 61.8089,  
57.4937


413.7089,  
431.2337, 432.8421

 43.5068, 44.8783,  
40.9897


 103.6484,  
107.4493, 102.6927

 30.4792, 31.3616,  
27.9914


131.9330,  
136.9279, 132.2248

 20.3525, 20.8743,  
18.0802


164.9453,  
171.3579, 166.9367

 12.7613, 13.0322,  
10.8376

203.0506,  
211.1238, 207.2469

 7.3402, 7.4507,  
5.8449

246.6142,  
256.6099, 253.5741

 3.7240, 3.7455,  
2.6837

296.0016,

 1.5472, 1.5323,

308.2007, 306.3366

0.9352

351.5781,  
366.2805, 365.9531

■ 0.3576, 0.3113,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.8006, 61.8089,  
57.4937

■ 59.8006, 61.8089,  
57.4937

■ 55.0944, 55.9282,  
45.0357

■ 65.0479, 68.2001,  
71.8918

■ 50.9047, 50.5361,  
34.4296

■ 70.8495, 75.1067,  
88.3051

■ 47.2124, 45.6210,  
25.5861

■ 77.1599, 82.5179,  
106.4685

■ 43.9954, 41.1677,  
18.4071

■ 80.4060, 89.0101,  
107.5506

■ 41.2291, 37.1599,  
12.7844

■ 82.7237, 93.6456,  
108.3231

■ 38.8867, 33.5801,  
8.5971

■ 36.9377, 30.4091,  
5.7062

■ 35.3459, 27.6250,  
3.9439

■ 34.3859, 25.8499,  
3.1772

# Harmonies

## Analogous

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



61.4985, 61.8089, 60.1280



59.8006, 61.8089, 57.4937



57.8561, 61.8089, 57.3895

# Triad

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



59.8006, 61.8089, 57.4937



55.1769, 61.8089, 69.8980



61.3847, 61.8089, 75.3602

# Complementary

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



59.8006, 61.8089, 57.4937



55.4828, 59.1937, 74.8315

# 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.



59.6480, 61.8089, 78.2891



59.8006, 61.8089, 57.4937



56.0798, 61.8089, 75.0194

# Square

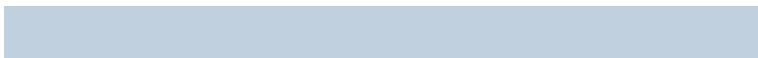
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



59.8006, 61.8089, 57.4937



55.2157, 61.8089, 64.3455



57.7068, 61.8089, 78.1610



62.4268, 61.8089, 70.3423



# Rectangle

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



59.8006, 61.8089, 57.4937



56.6834, 61.8089, 58.7555



57.7068, 61.8089, 78.1610



60.8611, 61.8089, 76.6338

# Sweetspot

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



59.8023, 61.8116, 57.4950



91.8459, 96.1504, 99.9443



58.2267, 56.0928, 64.8856



19.5329, 20.4281, 21.0429



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

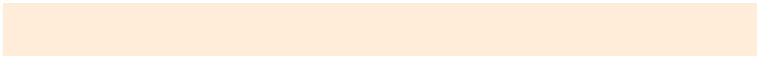


# Same Dimension

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



59.8023, 61.8116, 57.4950



83.6930, 86.1790, 77.6984



63.2798, 68.7666, 58.6542



13.5914, 14.1221, 13.7351



20.7082, 15.7020, 1.9393



1.4278, 1.1896, 0.1544

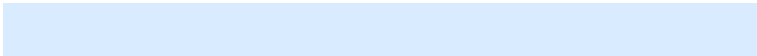


# Inverse Universe

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



55.4828, 59.1937, 74.8315



76.5488, 81.8491, 106.3716



52.3044, 52.8369, 73.7721



12.8737, 13.6872, 16.6155



10.9635, 9.7964, 41.0515

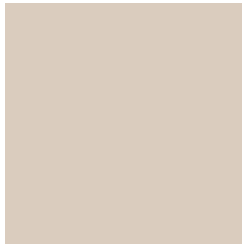


0.7964, 0.8070, 2.6882



# Previews

## White Background



This preview shows how the XYZ color 59.8006, 61.8089, 57.4937 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

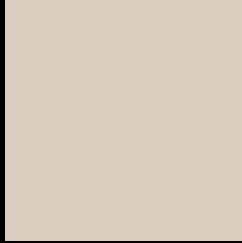
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.8006, 61.8089, 57.4937 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

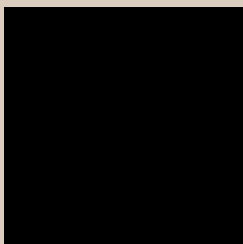
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

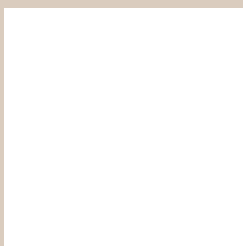
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.8006, 61.8089, 57.4937**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.8006, 61.8089, 57.4937.



This preview shows how white text looks on a background with the XYZ color 59.8006, 61.8089,



# 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

59.8006, 61.8089, 57.4937

### Protanopia

58.9668, 61.7204, 58.0956

### Deuteranopia

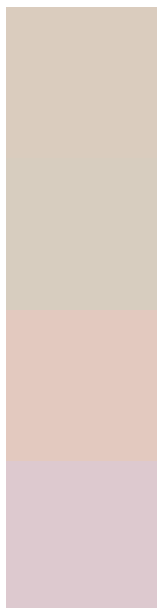
63.1061, 61.7642, 57.8859



## Tritanopia

63.1731, 61.7960, 73.5640

# Trichromacy



## Original Color

59.8006, 61.8089, 57.4937

## Protanomaly

59.2596, 61.8713, 58.1093

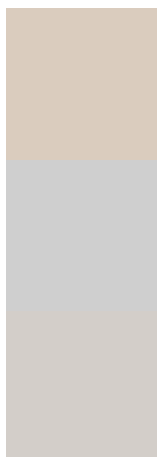
## Deuteranomaly

61.9692, 61.8658, 57.9654

## Tritanomaly

61.9679, 61.6504, 67.6651

# Monochromacy



## Original Color

59.8006, 61.8089, 57.4937

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.4779, 62.2085, 64.1310

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.8006, 61.8089, 57.4937 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(218, 204, 190)` looks like.

```
.text, #text, p{  
    color:rgb(218, 204, 190)  
}
```

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(218, 204, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 204, 190) }
```

## Border

The CSS property to change the border of an element to XYZ 59.8006, 61.8089, 57.4937 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(218, 204, 190) }
```



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

```
.border{ border-color:rgb(218, 204, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 204, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 204, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 204, 190);  
box-shadow:4px 4px 4px 4px rgb(218, 204,  
190) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.8006, 61.8089, 57.4937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 204, 190) }
```

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

```
.background{ background-color: rgb(218,  
204, 190) }
```

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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