

# Converting Colors

XYZ(59.5295, 61.7697, 62.7580)

Have a look what the booklet for  
XYZ(59.5295, 61.7697, 62.7580)  
contains.

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# **Color**

**XYZ(59.5807, 61.9323,  
62.8467)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D5CDC7
RGB	213, 205, 199
RGB Percent	84%, 80%, 78%
CMY	0.1647, 0.1961, 0.2196
CMYK	0.00, 0.04, 0.07, 0.16
HSL	26°, 14%, 81%
HSV	26°, 7%, 84%
XYZ	59.5807, 61.9323, 62.8467
YIQ	206.7080, 6.6940, -0.1700

# Conversions

## Conversions Part 2

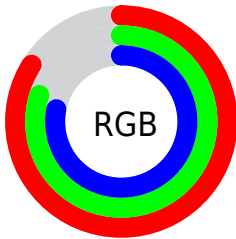
Format	Color
R <sub>Y</sub> B	213, 210, 199
Decimal	14011847
CIE Lab	82.88, 1.72, 3.96
CIE LCh	83, 4.315, 66.495
Yxy	61.9323, 0.3232, 0.3359
Android (android.graphics.Color)	4292201927 (0xFFD5CDC7)
YUV	206.7080, -3.8000, 5.5181
Hunter-Lab	78.6971, -2.5795, 7.7396

# Details

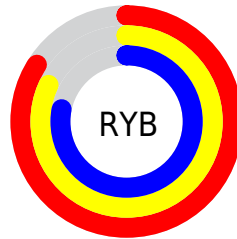
The XYZ color **59.5807, 61.9323, 62.8467** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8762, 61.5709, 71.7855**, and the grayscale version is **59.1424, 62.2224, 67.7602**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2780, 31.4467, 31.2621** is the 20% darker color. If you saturate the color by 10%, you get **54.4813, 55.4177, 49.7876**, and if you desaturate by 10%, it is **65.2561, 69.0434, 77.8071**.

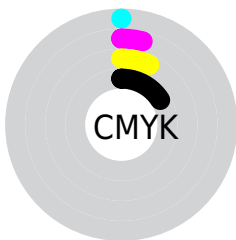
# Distribution



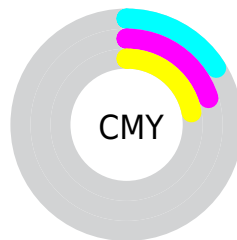
- Red (84%)
- Green (80%)
- Blue (78%)



- Red (84%)
- Yellow (82%)
- Blue (78%)



- Cyan (0%)
- Magenta (4%)
- Yellow (7%)
- Black (16%)



- Cyan (16%)
- Magenta (20%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5807, 61.9323, 62.8467 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 59.5807, 61.9323, 62.8467 by changing the saturation by 10% instead.



■ 59.5807, 61.9323,  
62.8467

■ 59.5807, 61.9323,  
62.8467

412.9101,  
431.6841, 453.1055

■ 43.3289, 44.9780,  
45.2770

103.3310,  
107.6277, 110.5318

■ 30.3389, 31.4401,  
31.3311

131.5602,  
137.1375, 141.4842

■ 20.2453, 20.9342,  
20.5905

164.5126,  
171.6014, 177.7346

■ 12.6828, 13.0759,  
12.6367

202.5536,  
211.4036, 219.7016

■ 7.2860, 7.4808,  
7.0511

246.0485,  
256.9286, 267.8036

■ 3.6895, 3.7646,  
3.4151

295.3626,

■ 1.5280, 1.5428,

308.5607, 322.4593

1.3103

350.8613,  
366.6844, 384.0870

■ 0.3448, 0.3185,  
0.0702

■ 0.0000, 0.0000,  
0.0000

■ 59.5807, 61.9323,  
62.8467

■ 59.5807, 61.9323,  
62.8467

■ 54.4813, 55.4177,  
49.7876

■ 65.2561, 69.0434,  
77.8071

■ 49.9333, 49.4755,  
38.5489

■ 71.5206, 76.7582,  
94.7373

■ 45.9178, 44.0917,  
29.0494

■ 77.0950, 84.5746,  
106.8689

■ 42.4129, 39.2488,  
21.2006

■ 80.8274, 92.0392,  
108.1130

■ 39.3947, 34.9280,  
14.9058

■ 81.2509, 92.8863,  
108.2542

■ 36.8375, 31.1094,  
10.0582

■ 34.7124, 27.7716,  
6.5373

■ 32.9866, 24.8908,  
4.2025

■ 31.6196, 22.4397,  
2.8744

# Harmonies

## Analogous

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



60.3137, 61.9323, 64.4342



59.5807, 61.9323, 62.8467



58.6628, 61.9323, 62.4734

# Triad

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



59.5807, 61.9323, 62.8467



57.1063, 61.9323, 68.0145



59.9345, 61.9323, 71.6341

# Complementary

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



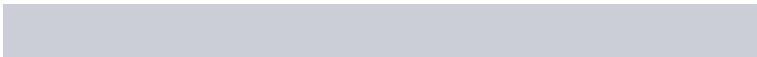
59.5807, 61.9323, 62.8467



57.8762, 61.5709, 71.7855

# 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.



59.0672, 61.9323, 72.6499



59.5807, 61.9323, 62.8467



57.4393, 61.9323, 70.5249

# Square

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



59.5807, 61.9323, 62.8467



57.2405, 61.9323, 65.4122



58.1546, 61.9323, 72.2387



60.5195, 61.9323, 69.4965



# Rectangle

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



59.5807, 61.9323, 62.8467



58.0708, 61.9323, 62.9545



58.1546, 61.9323, 72.2387



59.6659, 61.9323, 72.1206

# Sweetspot

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



59.5824, 61.9350, 62.8480



93.3174, 97.8314, 104.3253



59.1477, 59.5070, 67.5078



19.9920, 20.9628, 22.3778



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

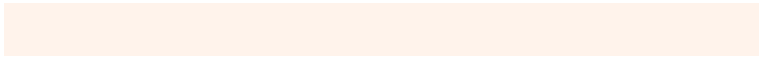


# Same Dimension

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



59.5824, 61.9350, 62.8480



88.3326, 91.5450, 91.3089



61.2520, 65.2741, 63.4046



12.8568, 13.2878, 13.0479



19.1621, 13.4415, 1.5845



1.2370, 0.9732, 0.1226

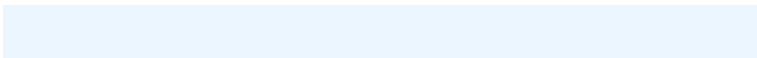


# Inverse Universe

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



57.8762, 61.5709, 71.7855



85.2114, 90.8788, 107.6580



56.2572, 58.3329, 71.2458



12.3255, 13.1744, 15.8308



11.6650, 11.5918, 40.0758

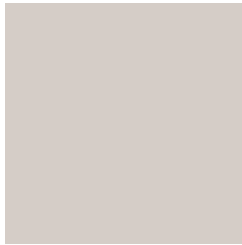


0.7850, 0.8620, 2.4443



# Previews

## White Background



This preview shows how the XYZ color 59.5807, 61.9323, 62.8467 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 59.5807, 61.9323, 62.8467 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

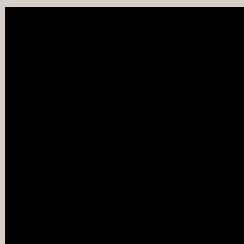
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

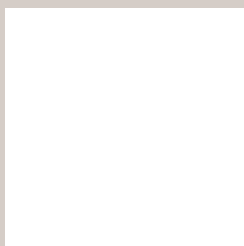
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.5807, 61.9323, 62.8467**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.5807, 61.9323, 62.8467.



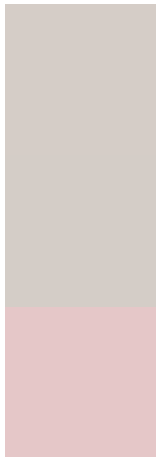
This preview shows how white text looks on a background with the XYZ color 59.5807, 61.9323,



# 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

59.5807, 61.9323, 62.8467

### Protanopia

59.2915, 61.7832, 62.8332

### Deuteranopia

63.1618, 61.6750, 63.2191



## Tritanopia

62.0943, 61.9019, 75.0052

# Trichromacy



## Original Color

59.5807, 61.9323, 62.8467

## Protanomaly

59.2915, 61.7832, 62.8332

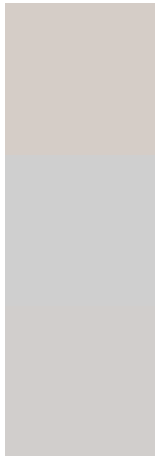
## Deuteranomaly

61.7434, 61.6314, 63.2854

## Tritanomaly

61.1381, 61.8621, 70.3463

# Monochromacy



## Original Color

59.5807, 61.9323, 62.8467

## Achromatopsia

59.3074, 62.3960, 67.9493

## Achromatomaly

59.2649, 62.0576, 65.9815

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5807, 61.9323, 62.8467 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(213, 205, 199) looks like.

```
.text, #text, p{  
    color:rgb(213, 205, 199)  
}
```

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(213, 205, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 205, 199) }
```

## Border

The CSS property to change the border of an element to XYZ 59.5807, 61.9323, 62.8467 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(213, 205, 199) }
```



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

```
.border{ border-color:rgb(213, 205, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 205, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(213, 205, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(213, 205, 199); box-shadow:4px 4px 4px 4px rgb(213, 205, 199) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.5807, 61.9323, 62.8467 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 205, 199) }
```

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

```
.background{ background-color: rgb(213,  
205, 199) }
```

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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