

# Converting Colors

XYZ(59.9886, 65.0296, 61.1427)

Have a look what the booklet for  
XYZ(59.9886, 65.0296, 61.1427)  
contains.

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# Color

**XYZ(59.9391, 65.0839,  
61.0331)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D1D5C3
RGB	209, 213, 195
RGB Percent	82%, 84%, 76%
CMY	0.1804, 0.1647, 0.2353
CMYK	0.02, 0.00, 0.08, 0.16
HSL	73°, 18%, 80%
HSV	73°, 8%, 84%
XYZ	59.9391, 65.0839, 61.0331
YIQ	209.7520, 3.3940, -6.4460

# Conversions

## Conversions Part 2

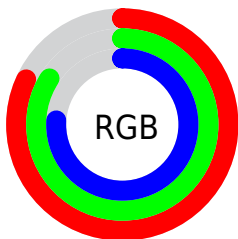
<b>Format</b>	<b>Color</b>
<b>RYB</b>	195, 213, 199
Decimal	13751747
CIELab	84.53, -4.53, 8.42
CIELCh	85, 9.561, 118.302
Yxy	65.0839, 0.3222, 0.3498
Android (android.graphics.Color)	4291941827 (0xFFD1D5C3)
YUV	209.7520, -7.2727, -0.6595
Hunter-Lab	80.6746, -8.5597, 11.6173

# Details

The XYZ color **59.9391, 65.0839, 61.0331** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.0810, 55.9782, 70.8559**, and the grayscale version is **61.1420, 64.3262, 70.0512**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **30.5521, 33.3454, 30.0253** is the 20% darker color. If you saturate the color by 10%, you get **56.3807, 63.5101, 49.1789**, and if you desaturate by 10%, it is **63.8845, 66.8213, 74.7015**.

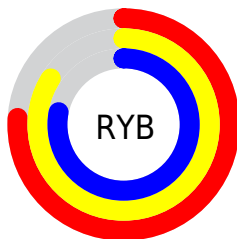
# Distribution



Red (82%)

Green (84%)

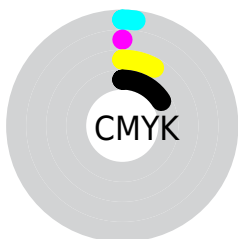
Blue (76%)



Red (76%)

Yellow (84%)

Blue (78%)

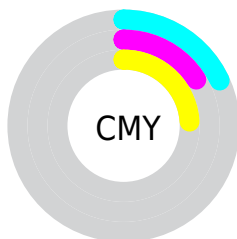


Cyan (2%)

Magenta (0%)

Yellow (8%)

Black (16%)



Cyan (18%)

Magenta (16%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9391, 65.0839, 61.0331 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 59.9391, 65.0839, 61.0331 by changing the saturation by 10% instead.



■ 59.9391, 65.0839,  
61.0331

■ 59.9391, 65.0839,  
61.0331

414.2116,  
443.0934, 446.3053

■ 43.6188, 47.5291,  
43.8212

103.8482,  
112.1705, 107.8849

■ 30.5676, 33.4541,  
30.1938

132.1677,  
142.4710, 138.3617

■ 20.4200, 22.4746,  
19.7324

165.2176,  
177.7890, 174.0974

■ 12.8107, 14.2060,  
12.0185

203.3634,  
218.5087, 215.5102

■ 7.3745, 8.2641,  
6.6336

246.9703,  
265.0147, 263.0189

■ 3.7458, 4.2644,  
3.1591

296.4037,

■ 1.5593, 1.8225,

317.6911, 317.0420

1.1764

352.0291,  
376.9226, 377.9979

■ 0.3657, 0.5012,  
0.0000

■ 0.0000, 0.0000,  
0.0000

■ 59.9391, 65.0839,  
61.0331

■ 59.9391, 65.0839,  
61.0331

■ 56.3807, 63.5101,  
49.1789

■ 63.8845, 66.8213,  
74.7015

■ 53.1893, 62.0856,  
39.0584

■ 68.2256, 68.7195,  
90.2515

■ 50.3506, 60.8066,  
30.5914

■ 72.3424, 70.5327,  
104.4091

■ 47.8476, 59.6665,  
23.6897

■ 73.8243, 71.2967,  
104.4784

■ 45.6617, 58.6576,  
18.2567

■ 75.3474, 72.0819,  
104.5497

■ 43.7722, 57.7717,  
14.1855

■ 76.9120, 72.8885,  
104.6229

■ 42.1556, 56.9992,  
11.3544

■ 78.5184, 73.7166,  
104.6981

■ 40.7843, 56.3293,  
9.6202

■ 80.1670, 74.5665,  
104.7753

■ 39.6168, 55.7451,  
8.7665

■ 81.8580, 75.4382,  
104.8544

# Harmonies

## Analogous

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



61.9817, 65.0839, 59.7775



59.9391, 65.0839, 61.0331



58.4413, 65.0839, 64.8800

# Triad

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



59.9391, 65.0839, 61.0331



59.7335, 65.0839, 81.3189



66.0443, 65.0839, 71.2135

# Complementary

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



59.9391, 65.0839, 61.0331



55.0810, 55.9782, 70.8559

# 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.



65.4101, 65.0839, 77.2078



59.9391, 65.0839, 61.0331



61.7390, 65.0839, 83.2458

# Square

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



59.9391, 65.0839, 61.0331



58.3245, 65.0839, 76.5721



63.8221, 65.0839, 81.7005



65.5362, 65.0839, 65.4493



# Rectangle

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



59.9391, 65.0839, 61.0331



57.9365, 65.0839, 68.5139



63.8221, 65.0839, 81.7005



65.9574, 65.0839, 73.2699

# Sweetspot

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



59.9409, 65.0867, 61.0345



93.2194, 99.1958, 102.5126



57.6935, 58.8890, 59.9567



19.8500, 21.1868, 21.5858



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

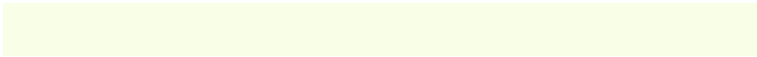


# Same Dimension

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



59.9409, 65.0867, 61.0345



89.1571, 97.4054, 88.5973



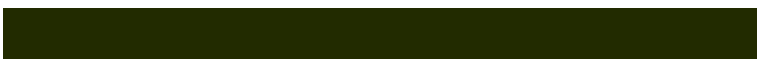
57.4929, 63.8247, 60.9199



13.1901, 14.3742, 13.2400



24.1846, 34.0439, 5.2965



1.5268, 2.0885, 0.3226



# Inverse Universe

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



55.0810, 55.9782, 70.8559



80.5253, 81.2270, 106.0420



57.5118, 57.2313, 70.9697



11.9983, 12.1405, 15.6485



8.1355, 3.3465, 38.6703

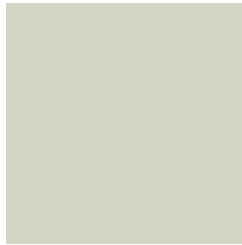


0.5632, 0.2392, 2.3358



# Previews

## White Background



This preview shows how the XYZ color 59.9391, 65.0839, 61.0331 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 59.9391, 65.0839, 61.0331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

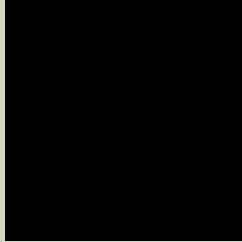
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

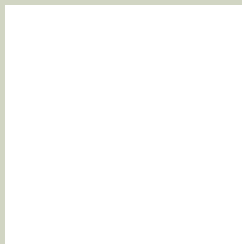
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# XYZ 59.9391, 65.0839, 61.0331

## Background



This preview shows how black text looks on a background with the XYZ color 59.9391, 65.0839, 61.0331.



This preview shows how white text looks on a background with the XYZ color 59.9391, 65.0839,



# 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

59.9391, 65.0839, 61.0331

### Protanopia

61.8856, 65.0035, 59.7373

### Deuteranopia

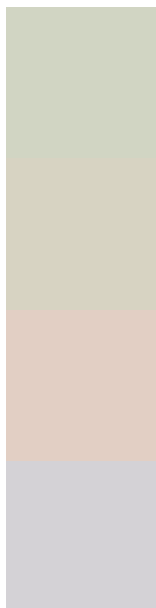
66.2630, 65.0498, 61.8868



## Tritanopia

63.8316, 65.1833, 80.4515

# Trichromacy



## Original Color

59.9391, 65.0839, 61.0331

## Protanomaly

61.0562, 64.9306, 60.3538

## Deuteranomaly

63.6407, 64.7799, 61.3741

## Tritanomaly

62.3356, 64.9453, 72.8686

# Monochromacy



## Original Color

59.9391, 65.0839, 61.0331

## Achromatopsia

61.2578, 64.4480, 70.1838

## Achromatomaly

60.8921, 64.6979, 67.0362

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.9391, 65.0839, 61.0331 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(209, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(209, 213, 195)  
}
```

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(209, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 213, 195) }
```

## Border

The CSS property to change the border of an element to XYZ 59.9391, 65.0839, 61.0331 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(209, 213, 195) }
```



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

```
.border{ border-color:rgb(209, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(209, 213,  
195) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.9391, 65.0839, 61.0331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 213, 195) }
```

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

```
.background{ background-color: rgb(209,  
213, 195) }
```

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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