

# Converting Colors

XYZ(59.5240, 61.3243, 69.5301)

Have a look what the booklet for  
XYZ(59.5240, 61.3243, 69.5301)  
contains.

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# Color

**XYZ(59.5202, 61.3942,  
69.6860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D1CCD2
RGB	209, 204, 210
RGB Percent	82%, 80%, 82%
CMY	0.1804, 0.2000, 0.1765
CMYK	0.00, 0.03, 0.00, 0.18
HSL	290°, 6%, 81%
HSV	290°, 3%, 82%
XYZ	59.5202, 61.3942, 69.6860
YIQ	206.1790, 1.0540, 2.9260

# Conversions

## Conversions Part 2

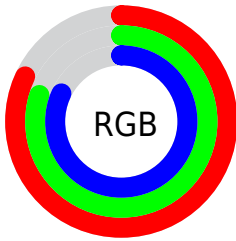
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 204, 210
Decimal	13749458
CIE Lab	82.59, 2.81, -2.37
CIE LCh	83, 3.680, 319.866
Yxy	61.3942, 0.3123, 0.3221
Android (android.graphics.Color)	4291939538 (0xFFD1CCD2)
YUV	206.1790, 1.8838, 2.4740
Hunter-Lab	78.3545, -1.5268, 2.1174

# Details

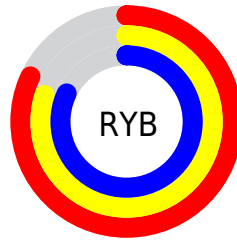
The XYZ color **59.5202, 61.3942, 69.6860** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.1249, 63.4336, 66.2576**, and the grayscale version is **58.7702, 61.8308, 67.3337**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4247, 31.1816, 35.8676** is the 20% darker color. If you saturate the color by 10%, you get **53.8821, 51.5724, 68.0883**, and if you desaturate by 10%, it is **65.8566, 72.5785, 71.5117**.

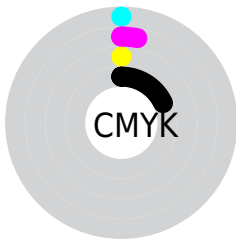
# Distribution



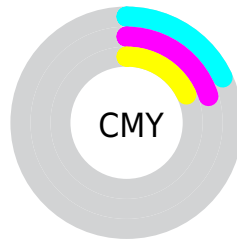
- Red (82%)
- Green (80%)
- Blue (82%)



- Red (82%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (3%)
- Yellow (0%)
- Black (18%)



- Cyan (18%)
- Magenta (20%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5202, 61.3942, 69.6860 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 59.5202, 61.3942, 69.6860 by changing the saturation by 10% instead.



■ 59.5202, 61.3942,  
69.6860

■ 59.5202, 61.3942,  
69.6860

412.6901,  
429.7179, 478.2060

■ 43.2800, 44.5434,  
50.7954

103.2437,  
106.8495, 120.4378

■ 30.3003, 31.0979,  
35.6702

131.4576,  
136.2228, 153.1360

■ 20.2159, 20.6734,  
23.8919

164.3935,  
170.5390, 191.2738

■ 12.6612, 12.8855,  
15.0420

202.4168,  
210.1825, 235.2698

■ 7.2711, 7.3497,  
8.7019

245.8927,  
255.5378, 285.5425

■ 3.6800, 3.6818,  
4.4531

295.1867,

■ 1.5228, 1.4972,

306.9892, 342.5104

1.8771

350.6640,  
364.9211, 406.5920

■ 0.3412, 0.2868,  
0.4781

■ 0.0000, 0.0000,  
0.0000

■ 59.5202, 61.3942,  
69.6860

■ 59.5202, 61.3942,  
69.6860

■ 53.8821, 51.5724,  
68.0883

■ 65.8566, 72.5785,  
71.5117

■ 48.9102, 43.0515,  
66.7056

■ 72.9113, 85.1679,  
73.5699

■ 44.5775, 35.7772,  
65.5299

■ 76.7600, 91.3124,  
74.5531

■ 40.8532, 29.6880,  
64.5509

■ 77.8282, 91.8631,  
74.6031

■ 37.7040, 24.7174,  
63.7574

■ 78.9188, 92.4253,  
74.6541

■ 35.0930, 20.7920,  
63.1374

■ 80.0318, 92.9991,  
74.7062

■ 32.9792, 17.8299,  
62.6770

■ 81.1675, 93.5846,  
74.7594

■ 31.3153, 15.7365,  
62.3607

■ 82.3258, 94.1817,  
74.8136

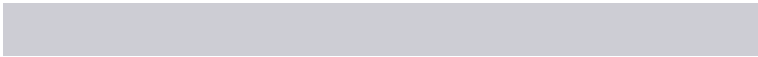
■ 30.0442, 14.3982,  
62.1693

■ 83.5070, 94.7906,  
74.8688

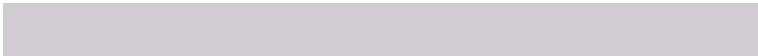
# Harmonies

## Analogous

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



58.8701, 61.3942, 71.0154



59.5202, 61.3942, 69.6860



59.8586, 61.3942, 67.6148

# Triad

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



59.5202, 61.3942, 69.6860



58.6205, 61.3942, 62.6639



56.9390, 61.3942, 68.3343

# Complementary

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



59.5202, 61.3942, 69.6860



59.1249, 63.4336, 66.2576

# 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.



56.8735, 61.3942, 66.0867



59.5202, 61.3942, 69.6860



57.8396, 61.3942, 62.8466

# Square

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



59.5202, 61.3942, 69.6860



59.3361, 61.3942, 63.5827



57.2018, 61.3942, 64.0878



57.3815, 61.3942, 70.2229



# Rectangle

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



59.5202, 61.3942, 69.6860



59.8599, 61.3942, 66.1066



57.2018, 61.3942, 64.0878



56.8723, 61.3942, 67.5946

# Sweetspot

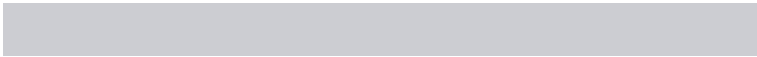
The Sweet Spot groups the original color and five complimentary colors.



59.5220, 61.3968, 69.6873



94.0856, 98.3032, 108.6233



58.3926, 61.2039, 69.7096



20.1484, 21.0588, 23.2528



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.



59.5220, 61.3968, 69.6873



92.1900, 94.9746, 108.0807



59.5706, 61.4491, 68.4619



12.8111, 13.1300, 15.1028



17.9496, 8.4337, 37.8743



1.0563, 0.4987, 2.1202



# Inverse Universe

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



59.1929, 61.2980, 66.4728



91.6485, 94.8120, 102.7871



59.0791, 63.3835, 67.4518



12.7177, 13.1020, 14.1874



16.4229, 8.4420, 1.8670

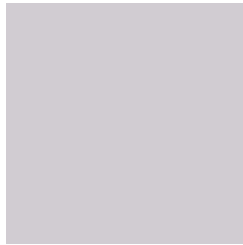


0.9438, 0.4822, 0.2388



# Previews

## White Background



This preview shows how the XYZ color 59.5202, 61.3942, 69.6860 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

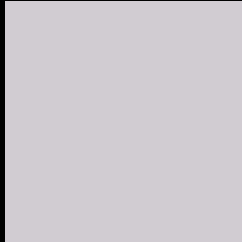
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 59.5202, 61.3942, 69.6860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

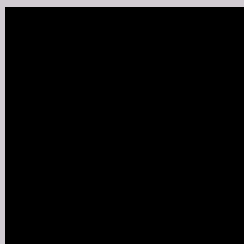
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

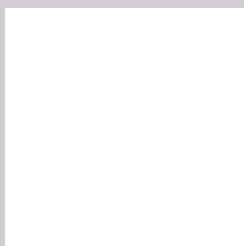
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**XYZ 59.5202, 61.3942, 69.6860**

## **Background**



This preview shows how black text looks on a background with the XYZ color 59.5202, 61.3942, 69.6860.



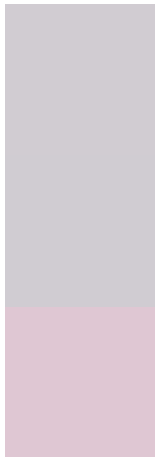
This preview shows how white text looks on a background with the XYZ color 59.5202, 61.3942, 69.6860.

69.6860.

# 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

59.5202, 61.3942, 69.6860

### Protanopia

59.2381, 61.2488, 69.6728

### Deuteranopia

62.6127, 61.2380, 70.1481



## Tritanopia

60.7205, 61.5280, 75.6936

# Trichromacy



## Original Color

59.5202, 61.3942, 69.6860

## Protanomaly

59.2381, 61.2488, 69.6728

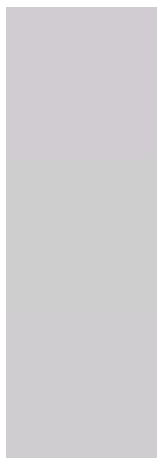
## Deuteranomaly

61.5580, 61.3819, 70.2314

## Tritanomaly

60.3289, 61.3714, 73.6319

# Monochromacy



## Original Color

59.5202, 61.3942, 69.6860

## Achromatopsia

58.6655, 61.7207, 67.2138

## Achromatomaly

58.8259, 61.4330, 67.7888

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 59.5202, 61.3942, 69.6860 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, 204, 210) looks like.

```
.text, #text, p{  
    color:rgb(209, 204, 210)  
}
```

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, 204, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 204, 210) }
```

## Border

The CSS property to change the border of an element to XYZ 59.5202, 61.3942, 69.6860 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, 204, 210) }
```



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

```
.border{ border-color:rgb(209, 204, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 204, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 204, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 204, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 204,  
210) }
```

# Background

The CSS property to change the background color of an element to XYZ 59.5202, 61.3942, 69.6860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 204, 210) }
```

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

```
.background{ background-color: rgb(209,  
204, 210) }
```

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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