

Converting Colors

XYZ(61.5345, 66.9972, 59.3979)

Have a look what the booklet for
XYZ(61.5345, 66.9972, 59.3979)
contains.

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Color

**XYZ(61.5109, 67.0636,
59.5718)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D8C0
RGB	213, 216, 192
RGB Percent	84%, 85%, 75%
CMY	0.1647, 0.1529, 0.2471
CMYK	0.01, 0.00, 0.11, 0.15
HSL	68°, 24%, 80%
HSV	68°, 11%, 85%
XYZ	61.5109, 67.0636, 59.5718
YIQ	212.3670, 5.9160, -8.1000

Conversions

Conversions Part 2

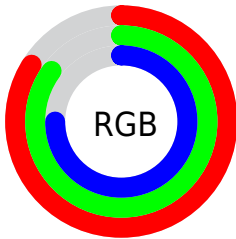
Format	Color
R_{YB}	192, 216, 195
Decimal	14014656
CIE Lab	85.54, -5.17, 11.48
CIE LCh	86, 12.593, 114.223
Yxy	67.0636, 0.3269, 0.3564
Android (android.graphics.Color)	4292204736 (0xFFD5D8C0)
YUV	212.3670, -10.0409, 0.5551
Hunter-Lab	81.8924, -9.2369, 14.1947

Details

The XYZ color **61.5109, 67.0636, 59.5718** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7525, 54.2610, 72.6096**, and the grayscale version is **62.8870, 66.1620, 72.0504**.

A 20% lighter version of the original color is **93.9433, 99.5573, 103.0721**, and **31.5056, 34.6229, 29.4485** is the 20% darker color. If you saturate the color by 10%, you get **58.5142, 65.7773, 47.8418**, and if you desaturate by 10%, it is **64.8757, 68.5031, 73.1554**.

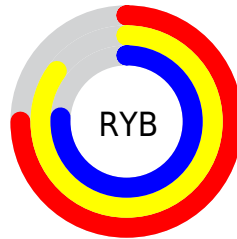
Distribution



Red (84%)

Green (85%)

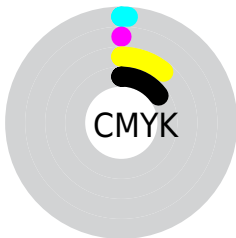
Blue (75%)



Red (75%)

Yellow (85%)

Blue (76%)

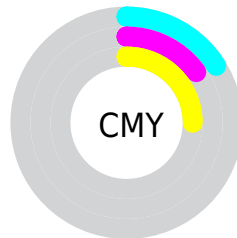


Cyan (1%)

Magenta (0%)

Yellow (11%)

Black (15%)



Cyan (16%)

Magenta (15%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.5109, 67.0636, 59.5718 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 61.5109, 67.0636, 59.5718 by changing the saturation by 10% instead.

■ 61.5109, 67.0636,
59.5718

■ 61.5109, 67.0636,
59.5718

419.8908,
450.1711, 440.7784

■ 44.8917, 49.1363,
42.6505

■ 106.1123,
115.0115, 105.7455

■ 31.5731, 34.7276,
29.2817

134.8252,
145.8010, 135.8351

■ 21.1896, 23.4531,
19.0466

168.3000,
181.6466, 171.1512

■ 13.3759, 14.9285,
11.5268

206.9021,
222.9328, 212.1124

■ 7.7667, 8.7692,
6.3037

250.9969,
270.0439, 259.1371

■ 3.9966, 4.5909,
2.9589

300.9497,

■ 1.7002, 2.0093,

323.3644, 312.6440

1.0737

357.1259,
383.2787, 373.0516

■ 0.4564, 0.6129,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 61.5109, 67.0636,
59.5718

■ 61.5109, 67.0636,
59.5718

■ 58.5142, 65.7773,
47.8418

■ 64.8757, 68.5031,
73.1554

■ 55.8647, 64.6292,
37.8807

■ 68.6174, 70.0926,
88.6636

■ 53.5479, 63.6156,
29.6039

■ 72.4598, 71.7239,
104.6328

■ 51.5460, 62.7295,
22.9180

■ 73.2901, 72.1520,
104.6717

■ 49.8395, 61.9630,
17.7206

■ 74.1337, 72.5869,
104.7111

■ 48.4065, 61.3074,
13.8972

■ 74.9908, 73.0287,
104.7513

■ 47.2222, 60.7528,
11.3170

■ 75.8612, 73.4775,
104.7920

■ 46.2568, 60.2871,
9.8236

■ 76.7452, 73.9331,
104.8334

■ 45.5367, 59.9297,
9.1676

■ 77.6427, 74.3958,
104.8754

Harmonies

Analogous

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



64.2974, 67.0636, 58.4376



61.5109, 67.0636, 59.5718



59.3812, 67.0636, 64.1898

Triad

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



61.5109, 67.0636, 59.5718



60.5788, 67.0636, 86.5665



69.3747, 67.0636, 74.6187

Complementary

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



61.5109, 67.0636, 59.5718



53.7525, 54.2610, 72.6096

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.



68.3111, 67.0636, 82.6268



61.5109, 67.0636, 59.5718



63.1897, 67.0636, 89.8484

Square

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



61.5109, 67.0636, 59.5718



58.8544, 67.0636, 79.6791



66.0263, 67.0636, 88.3555



68.8928, 67.0636, 66.7442

Rectangle

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



61.5109, 67.0636, 59.5718



58.5920, 67.0636, 68.8194



66.0263, 67.0636, 88.3555



69.1851, 67.0636, 77.3900

Sweetspot

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



61.5127, 67.0665, 59.5732



93.4912, 99.3359, 102.5254



57.3058, 57.3472, 57.9189



19.9236, 21.2247, 21.5893



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.



61.5127, 67.0665, 59.5732



88.6548, 97.2675, 83.1038



58.2138, 65.3659, 59.4189



13.3128, 14.4375, 13.2458



27.0147, 35.5029, 5.4289



1.6732, 2.1640, 0.3295

Inverse Universe

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



53.7525, 54.2610, 72.6096



75.4951, 75.5514, 105.2116



56.9227, 55.8953, 72.7580



11.8856, 12.0824, 15.6432



7.6538, 3.0982, 38.6478



0.5104, 0.2120, 2.3333

Previews

White Background



This preview shows how the XYZ color 61.5109, 67.0636, 59.5718 looks on a white background.

Color Contrast Check

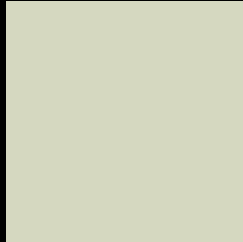
Large Text (above 18pt) WCAG AA × Fail

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 61.5109, 67.0636, 59.5718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

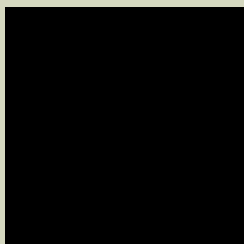
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

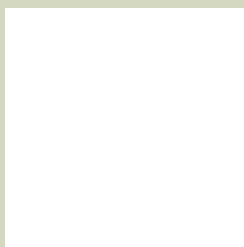
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.5109, 67.0636, 59.5718

Background



This preview shows how black text looks on a background with the XYZ color 61.5109, 67.0636, 59.5718.



This preview shows how white text looks on a background with the XYZ color 61.5109, 67.0636,

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

61.5109, 67.0636, 59.5718

Protanopia

63.5199, 66.9942, 58.2985

Deuteranopia

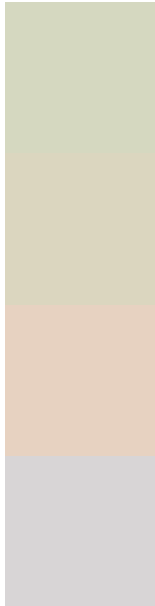
68.4269, 66.9149, 60.3483



Tritanopia

66.0728, 67.0400, 82.1306

Trichromacy



Original Color

61.5109, 67.0636, 59.5718

Protanomaly

62.6640, 66.9148, 58.9033

Deuteranomaly

65.6272, 66.9324, 59.9124

Tritanomaly

64.2508, 67.0425, 73.1724

Monochromacy



Original Color

61.5109, 67.0636, 59.5718

Achromatopsia

62.5785, 65.8375, 71.6970

Achromatomaly

61.9651, 65.9933, 67.2297

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.5109, 67.0636, 59.5718 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, 216, 192) looks like.

```
.text, #text, p{  
    color:rgb(213, 216, 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(213, 216, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 216, 192) }
```

Border

The CSS property to change the border of an element to XYZ 61.5109, 67.0636, 59.5718 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, 216, 192) }
```


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

```
.border{ border-color:rgb(213, 216, 192) }
```

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

Here you see how a box with a 4 pixel rgb(213, 216, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 216, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 216, 192);  
box-shadow:4px 4px 4px 4px rgb(213, 216,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 61.5109, 67.0636, 59.5718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 216, 192) }
```

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

```
.background{ background-color: rgb(213,  
216, 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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