

Converting Colors

XYZ(59.0093, 61.6131, 75.1121)

Have a look what the booklet for
XYZ(59.0093, 61.6131, 75.1121)
contains.

XYZ(59.0833, 61.7611, 75.1367)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.0833, 61.7611,
75.1367)**

Conversions

Conversions Part 1

Format	Color
Hex	CACEDA
RGB	202, 206, 218
RGB Percent	79%, 81%, 85%
CMY	0.2078, 0.1921, 0.1451
CMYK	0.07, 0.06, 0.00, 0.15
HSL	225°, 18%, 82%
HSV	225°, 7%, 85%
XYZ	59.0833, 61.7611, 75.1367
YIQ	206.1720, -6.2360, 2.8840

Conversions

Conversions Part 2

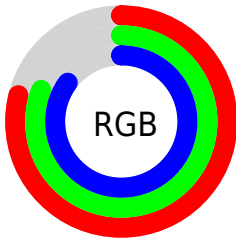
Format	Color
R _Y B	202, 205, 218
Decimal	13291226
CIE Lab	82.79, 0.92, -6.42
CIE LCh	83, 6.481, 278.158
Yxy	61.7611, 0.3015, 0.3151
Android (android.graphics.Color)	4291481306 (0xFFCACE DA)
YUV	206.1720, 5.8312, -3.6588
Hunter-Lab	78.5882, -3.3316, -1.6743

Details

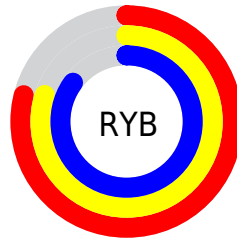
The XYZ color **59.0833, 61.7611, 75.1367** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.6209, 67.2623, 65.5079**, and the grayscale version is **58.7445, 61.8038, 67.3043**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0518, 31.3967, 39.1266** is the 20% darker color. If you saturate the color by 10%, you get **49.8641, 51.4688, 73.6370**, and if you desaturate by 10%, it is **69.5487, 73.3067, 76.8146**.

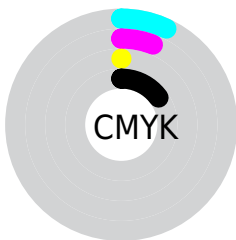
Distribution



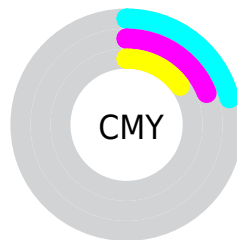
- Red (79%)
- Green (81%)
- Blue (85%)



- Red (79%)
- Yellow (80%)
- Blue (85%)



- Cyan (7%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (21%)
- Magenta (19%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0833, 61.7611, 75.1367 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 59.0833, 61.7611, 75.1367 by changing the saturation by 10% instead.

■ 59.0833, 61.7611,
75.1367

■ 59.0833, 61.7611,
75.1367

411.0996,
431.0591, 497.6552

■ 42.9268, 44.8397,
55.2225

102.6127,
107.3802, 128.2547

■ 30.0220, 31.3312,
39.1801

130.7162,
136.8466, 162.2956

■ 20.0034, 20.8512,
26.5909

163.5329,
171.2636, 201.8825

■ 12.5058, 13.0152,
17.0365

201.4280,
211.0154, 247.4338

■ 7.1638, 7.4390,
10.0983

244.7668,
256.4864, 299.3683

■ 3.6120, 3.7382,
5.3577

293.9148,

■ 1.4850, 1.5282,

308.0611, 358.1043

2.3963

349.2373,
366.1239, 424.0604

■ 0.3156, 0.3085,
0.7844

■ 0.0000, 0.0000,
0.0000

■ 59.0833, 61.7611,
75.1367

■ 59.0833, 61.7611,
75.1367

■ 49.8641, 51.4688,
73.6370

■ 69.5487, 73.3067,
76.8146

■ 41.8384, 42.3792,
72.3055

■ 81.2994, 86.1384,
78.6720

■ 34.9577, 34.4495,
71.1375

■ 89.6551, 97.8420,
80.4907

■ 29.1683, 27.6316,
70.1267

■ 24.4116, 21.8736,
69.2660

■ 20.6235, 17.1195,
68.5480

■ 17.7323, 13.3073,
67.9646

■ 15.6553, 10.3677,
67.5066

■ 14.2861, 8.2163,
67.1635

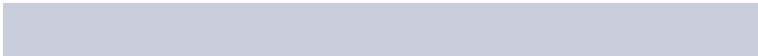
Harmonies

Analogous

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



57.7104, 61.7611, 74.6281



59.0833, 61.7611, 75.1367



60.3739, 61.7611, 73.4664

Triad

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



59.0833, 61.7611, 75.1367



60.8352, 61.7611, 62.6147



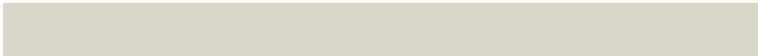
56.2488, 61.7611, 64.4313

Complementary

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



59.0833, 61.7611, 75.1367



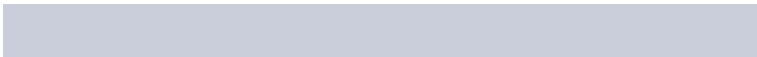
63.6209, 67.2623, 65.5079

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.



57.0614, 61.7611, 61.3895



59.0833, 61.7611, 75.1367



59.7051, 61.7611, 60.3700

Square

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



59.0833, 61.7611, 75.1367



61.3958, 61.7611, 66.1638



58.3225, 61.7611, 59.9305



56.0883, 61.7611, 68.3427

Rectangle

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



59.0833, 61.7611, 75.1367



61.0089, 61.7611, 71.3795



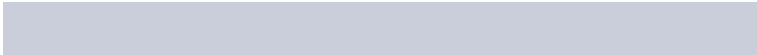
58.3225, 61.7611, 59.9305



56.4542, 61.7611, 63.2778

Sweetspot

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



59.0851, 61.7637, 75.1381



91.9907, 96.6299, 108.4107



61.5331, 67.5418, 73.2346



19.7219, 20.7181, 23.2095



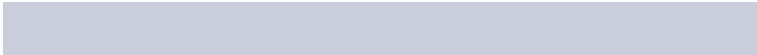
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.0851, 61.7637, 75.1381



81.8589, 85.4122, 106.7795



59.1561, 60.3878, 74.8687



12.6021, 13.1439, 16.5250



8.4595, 4.7884, 40.2168



0.6165, 0.4471, 2.6282

Inverse Universe

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



61.1759, 61.6040, 67.0620



85.5127, 85.1622, 92.6597



63.5425, 68.7444, 65.7981



13.1890, 13.1047, 14.2566



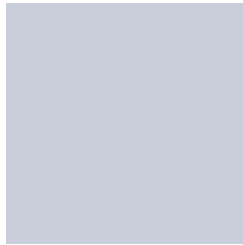
17.7653, 9.1072, 3.1441



1.1855, 0.6038, 0.3856

Previews

White Background



This preview shows how the XYZ color 59.0833, 61.7611, 75.1367 looks on a white background.

Color Contrast Check

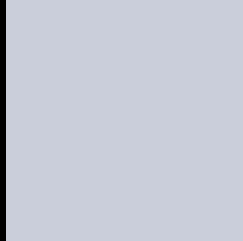
Large Text (above 18pt) WCAG AA × Fail

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 59.0833, 61.7611, 75.1367 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

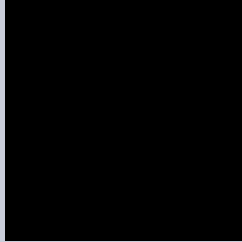
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

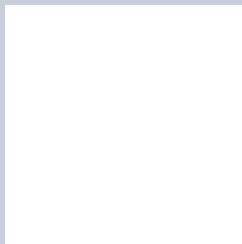
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0833, 61.7611, 75.1367

Background



This preview shows how black text looks on a background with the XYZ color 59.0833, 61.7611, 75.1367.

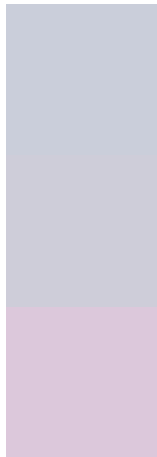


This preview shows how white text looks on a background with the XYZ color 59.0833, 61.7611,

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

59.0833, 61.7611, 75.1367

Protanopia

59.8093, 61.7942, 74.4208

Deuteranopia

62.9557, 61.6387, 75.5972



Tritanopia

59.6447, 61.6331, 77.8600

Trichromacy



Original Color

59.0833, 61.7611, 75.1367

Protanomaly

59.5325, 61.6515, 74.4079

Deuteranomaly

61.3473, 61.5017, 75.6555

Tritanomaly

59.5111, 61.5796, 77.1561

Monochromacy



Original Color

59.0833, 61.7611, 75.1367

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8810, 61.7749, 69.7932

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0833, 61.7611, 75.1367 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(202, 206, 218)` looks like.

```
.text, #text, p{  
    color:rgb(202, 206, 218)  
}
```

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(202, 206, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 206, 218) }
```

Border

The CSS property to change the border of an element to XYZ 59.0833, 61.7611, 75.1367 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(202, 206, 218) }
```


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

```
.border{ border-color:rgb(202, 206, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 206, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 206, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 206, 218);  
box-shadow:4px 4px 4px 4px rgb(202, 206,  
218) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0833, 61.7611, 75.1367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 206, 218) }
```

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

```
.background{ background-color: rgb(202,  
206, 218) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor