

Converting Colors

XYZ(59.6155, 61.3997, 71.6600)

Have a look what the booklet for
XYZ(59.6155, 61.3997, 71.6600)
contains.

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Color

**XYZ(59.6155, 61.3997,
71.6600)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCD5
RGB	208, 204, 213
RGB Percent	82%, 80%, 84%
CMY	0.1843, 0.2000, 0.1647
CMYK	0.02, 0.04, 0.00, 0.16
HSL	267°, 10%, 82%
HSV	267°, 4%, 84%
XYZ	59.6155, 61.3997, 71.6600
YIQ	206.2220, -0.5050, 3.6470

Conversions

Conversions Part 2

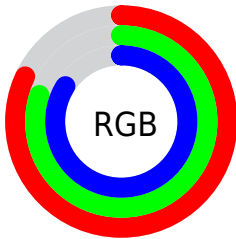
Format	Color
R _Y B	208, 204, 213
Decimal	13683925
CIE Lab	82.59, 3.03, -3.98
CIE LCh	83, 5.001, 307.279
Yxy	61.3997, 0.3094, 0.3187
Android (android.graphics.Color)	4291874005 (0xFFD0CCD5)
YUV	206.2220, 3.3416, 1.5593
Hunter-Lab	78.3580, -1.3219, 0.6286

Details

The XYZ color **59.6155, 61.3997, 71.6600** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.9901, 65.5050, 66.5590**, and the grayscale version is **58.7894, 61.8510, 67.3557**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.4043, 31.1513, 36.7581** is the 20% darker color. If you saturate the color by 10%, you get **51.6906, 50.3072, 69.9375**, and if you desaturate by 10%, it is **68.4847, 74.0102, 73.6275**.

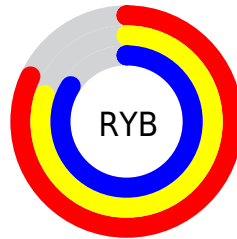
Distribution



Red (82%)

Green (80%)

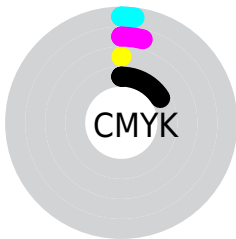
Blue (84%)



Red (82%)

Yellow (80%)

Blue (84%)

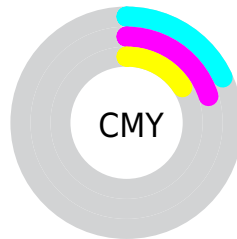


Cyan (2%)

Magenta (4%)

Yellow (0%)

Black (16%)



Cyan (18%)

Magenta (20%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6155, 61.3997, 71.6600 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 59.6155, 61.3997, 71.6600 by changing the saturation by 10% instead.

■ 59.6155, 61.3997,
71.6600

■ 59.6155, 61.3997,
71.6600

413.0366,
429.7380, 485.3030

■ 43.3571, 44.5478,
52.3958

103.3812,
106.8575, 123.2762

■ 30.3611, 31.1014,
36.9363

131.6192,
136.2321, 156.4654

■ 20.2623, 20.6761,
24.8628

164.5811,
170.5498, 195.1333

■ 12.6952, 12.8874,
15.7567

202.6323,
210.1950, 239.6985

■ 7.2945, 7.3511,
9.1997

246.1380,
255.5520, 290.5795

■ 3.6949, 3.6826,
4.7731

295.4638,

■ 1.5310, 1.4977,

307.0052, 348.1949

2.0583

350.9748,
364.9391, 412.9632

■ 0.3468, 0.2871,
0.5908

■ 0.0000, 0.0000,
0.0000

■ 59.6155, 61.3997,
71.6600

■ 59.6155, 61.3997,
71.6600

■ 51.6906, 50.3072,
69.9375

■ 68.4847, 74.0102,
73.6275

■ 44.6714, 40.6662,
68.4466

■ 78.3245, 88.1863,
75.8452

■ 38.5243, 32.4169,
67.1783

■ 84.9105, 95.4706,
76.9041

■ 33.2115, 25.4921,
66.1217

■ 89.0104, 97.5842,
77.0960

■ 28.6920, 19.8189,
65.2649

■ 24.9213, 15.3174,
64.5947

■ 21.8494, 11.8977,
64.0966

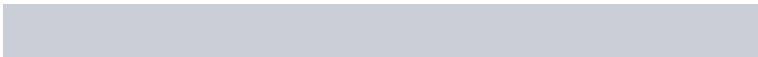
■ 19.4197, 9.4563,
63.7534

■ 17.5642, 7.8679,
63.5446

Harmonies

Analogous

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



58.6200, 61.3997, 72.8798



59.6155, 61.3997, 71.6600



60.2798, 61.3997, 69.1591

Triad

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



59.6155, 61.3997, 71.6600



59.1580, 61.3997, 61.5572



56.3385, 61.3997, 67.6043

Complementary

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



59.6155, 61.3997, 71.6600



60.9901, 65.5050, 66.5590

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.



56.4786, 61.3997, 64.6004



59.6155, 61.3997, 71.6600



58.0979, 61.3997, 61.1696

Square

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



59.6155, 61.3997, 71.6600



60.0135, 61.3997, 63.3429



57.1194, 61.3997, 62.2675



56.7344, 61.3997, 70.4921

Rectangle

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



59.6155, 61.3997, 71.6600



60.4410, 61.3997, 67.1344



57.1194, 61.3997, 62.2675



56.3245, 61.3997, 66.5741

Sweetspot

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



59.6173, 61.4023, 71.6613



93.7224, 98.1160, 108.6063



59.7393, 63.2937, 72.0200



20.0745, 21.0207, 23.2493



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.



59.6173, 61.4023, 71.6613



88.5575, 90.8139, 107.4691



60.8717, 62.0490, 71.7200



12.9356, 13.2227, 15.8080



10.3088, 4.4669, 38.7720



0.7161, 0.3181, 2.3430

Inverse Universe

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



60.5442, 61.9381, 69.0889



90.2179, 91.7737, 102.8566



59.7622, 64.8720, 66.5016



13.2087, 13.3806, 15.0487



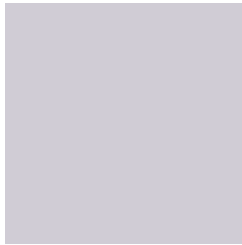
18.8253, 9.4664, 11.6501



1.1768, 0.5875, 0.9206

Previews

White Background



This preview shows how the XYZ color 59.6155, 61.3997, 71.6600 looks on a white background.

Color Contrast Check

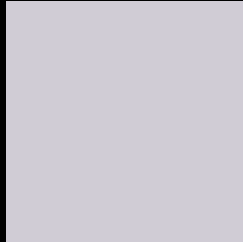
Large Text (above 18pt) WCAG AA × Fail

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 59.6155, 61.3997, 71.6600 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

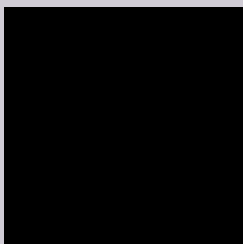
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

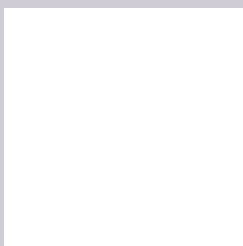
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6155, 61.3997, 71.6600

Background



This preview shows how black text looks on a background with the XYZ color 59.6155, 61.3997, 71.6600.



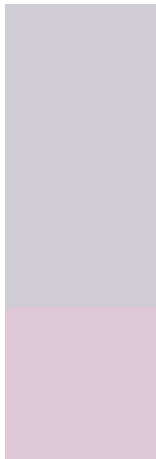
This preview shows how white text looks on a background with the XYZ color 59.6155, 61.3997,

71.6600.

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

59.6155, 61.3997, 71.6600

Protanopia

59.3352, 61.2552, 71.6469

Deuteranopia

62.6852, 61.2315, 72.1333



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

59.6155, 61.3997, 71.6600

Protanomaly

59.3352, 61.2552, 71.6469

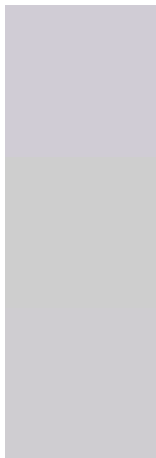
Deuteranomaly

61.6395, 61.3800, 72.2171

Tritanomaly

60.1748, 61.2769, 74.3017

Monochromacy



Original Color

59.6155, 61.3997, 71.6600

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.0721, 61.5315, 69.0849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6155, 61.3997, 71.6600 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(208, 204, 213) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 213)  
}
```

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(208, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.6155, 61.3997, 71.6600 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(208, 204, 213) }
```


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

```
.border{ border-color:rgb(208, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6155, 61.3997, 71.6600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 213) }
```

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

```
.background{ background-color: rgb(208,  
204, 213) }
```

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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