

Converting Colors

XYZ(61.3119, 59.6241, 66.6696)

Have a look what the booklet for
XYZ(61.3119, 59.6241, 66.6696)
contains.

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Color

**XYZ(61.3119, 59.6241,
66.6696)**

Conversions

Conversions Part 1

Format	Color
Hex	DFC4CE
RGB	223, 196, 206
RGB Percent	87%, 77%, 81%
CMY	0.1255, 0.2314, 0.1922
CMYK	0.00, 0.12, 0.08, 0.13
HSL	338°, 30%, 82%
HSV	338°, 12%, 87%
XYZ	61.3119, 59.6241, 66.6696
YIQ	205.2130, 12.8820, 8.8340

Conversions

Conversions Part 2

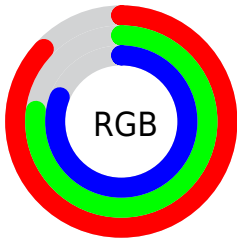
Format	Color
R _Y B	223, 196, 206
Decimal	14664910
CIE Lab	81.63, 11.19, -1.50
CIE LCh	82, 11.288, 352.372
Yxy	59.6241, 0.3268, 0.3178
Android (android.graphics.Color)	4292854990 (0xFFDFC4CE)
YUV	205.2130, 0.3880, 15.5992
Hunter-Lab	77.2166, 6.6042, 2.8601

Details

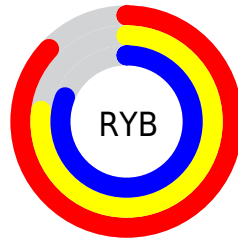
The XYZ color **61.3119, 59.6241, 66.6696** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1652, 69.3167, 73.1099**, and the grayscale version is **58.1572, 61.1859, 66.6314**.

A 20% lighter version of the original color is **94.4153, 98.7306, 108.6884**, and **31.4889, 29.9378, 33.8247** is the 20% darker color. If you saturate the color by 10%, you get **55.0207, 49.6504, 56.5286**, and if you desaturate by 10%, it is **68.5065, 71.1592, 77.8652**.

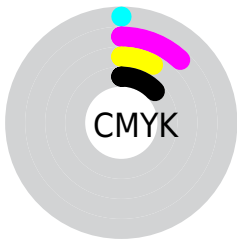
Distribution



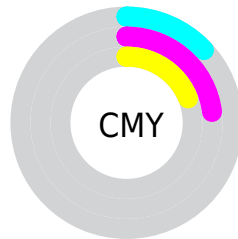
- Red (87%)
- Green (77%)
- Blue (81%)



- Red (87%)
- Yellow (77%)
- Blue (81%)



- Cyan (0%)
- Magenta (12%)
- Yellow (8%)
- Black (13%)



- Cyan (13%)
- Magenta (23%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3119, 59.6241, 66.6696 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 61.3119, 59.6241, 66.6696 by changing the saturation by 10% instead.

61.3119, 59.6241,
66.6696

61.3119, 59.6241,
66.6696

419.1743,
423.2108, 467.2372

44.7304, 43.1157,
48.3563

105.8260,
104.2842, 116.0830

31.4455, 29.9759,
33.7471

134.4893,
133.2047, 148.0201

21.0918, 19.8203,
22.4236

167.9106,
167.0313, 185.3356

13.3040, 12.2645,
13.9672

206.4552,
206.1485, 228.4480

7.7166, 6.9241,
7.9594

250.4886,
250.9407, 277.7758

3.9644, 3.4147,
3.9816

300.3760,

1.6820, 1.3519,

301.7922, 333.7376

1.6152

356.4828,
359.0875, 396.7519

■ 0.4450, 0.1808,
0.3017

■ 0.0000, 0.0000,
0.0000

■ 61.3119, 59.6241,
66.6696

■ 61.3119, 59.6241,
66.6696

■ 55.0207, 49.6504,
56.5286

■ 68.5065, 71.1592,
77.8652

■ 49.5911, 41.1630,
47.4066

■ 76.6342, 84.3110,
90.1420

■ 44.9852, 34.0921,
39.2712

■ 83.1551, 93.9935,
102.6724

■ 41.1604, 28.3594,
32.0869

■ 84.2417, 94.4281,
108.3942

■ 38.0702, 23.8790,
25.8159

■ 35.6625, 20.5545,
20.4172

■ 33.8782, 18.2757,
15.8462

■ 32.6467, 16.9101,
12.0528

■ 31.9766, 16.3061,
9.5594

Harmonies

Analogous

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



60.3597, 59.6241, 73.2249



61.3119, 59.6241, 66.6696



60.9933, 59.6241, 60.0755

Triad

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



61.3119, 59.6241, 66.6696



54.9529, 59.6241, 53.5770



53.9322, 59.6241, 75.8228

Complementary

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



61.3119, 59.6241, 66.6696



61.1652, 69.3167, 73.1099

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.



52.5578, 59.6241, 70.0192



61.3119, 59.6241, 66.6696



53.1355, 59.6241, 57.2690

Square

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



61.3119, 59.6241, 66.6696



57.2784, 59.6241, 52.8175



52.2703, 59.6241, 63.2023



56.0677, 59.6241, 78.7441

Rectangle

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



61.3119, 59.6241, 66.6696



60.1071, 59.6241, 56.5107



52.2703, 59.6241, 63.2023



53.3683, 59.6241, 74.1258

Sweetspot

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



61.3136, 59.6267, 66.6709



90.8649, 93.2570, 102.4882



60.4005, 58.9043, 77.9989



19.2853, 19.6979, 21.6843



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.



61.3136, 59.6267, 66.6709



80.4000, 76.5215, 86.0696



60.8552, 60.5921, 60.7158



13.9160, 13.7840, 15.3280



18.8517, 9.6077, 5.8848



1.3489, 0.6829, 0.6304

Inverse Universe

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



61.3136, 59.6267, 66.6709



80.4000, 76.5215, 86.0696



61.6400, 68.1727, 79.7225



13.9160, 13.7840, 15.3280



18.8517, 9.6077, 5.8848



1.3489, 0.6829, 0.6304

Previews

White Background



This preview shows how the XYZ color 61.3119, 59.6241, 66.6696 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 61.3119, 59.6241, 66.6696 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

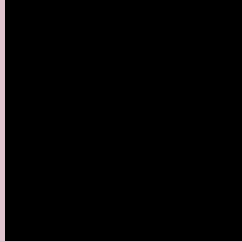
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.3119, 59.6241, 66.6696

Background



This preview shows how black text looks on a background with the XYZ color 61.3119, 59.6241, 66.6696.



This preview shows how white text looks on a background with the XYZ color 61.3119, 59.6241,

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

61.3119, 59.6241, 66.6696

Protanopia

57.8060, 59.8236, 68.8220

Deuteranopia

60.9256, 59.7609, 66.7164



Tritanopia

62.0134, 59.5807, 69.8598

Trichromacy



Original Color

61.3119, 59.6241, 66.6696

Protanomaly

59.1908, 59.8597, 68.1089

Deuteranomaly

61.2310, 59.9183, 66.7307

Tritanomaly

61.7642, 59.4810, 68.5472

Monochromacy



Original Color

61.3119, 59.6241, 66.6696

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.2914, 60.6459, 66.3384

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3119, 59.6241, 66.6696 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(223, 196, 206)` looks like.

```
.text, #text, p{  
    color:rgb(223, 196, 206)  
}
```

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(223, 196, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 196, 206) }
```

Border

The CSS property to change the border of an element to XYZ 61.3119, 59.6241, 66.6696 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(223, 196, 206) }
```


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

```
.border{ border-color:rgb(223, 196, 206) }
```

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

Here you see how a box with a 4 pixel rgb(223, 196, 206) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 196, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 196, 206);  
box-shadow:4px 4px 4px 4px rgb(223, 196,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3119, 59.6241, 66.6696 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 196, 206) }
```

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

```
.background{ background-color: rgb(223,  
196, 206) }
```

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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