

Converting Colors

XYZ(61.6517, 59.4413, 71.1587)

Have a look what the booklet for
XYZ(61.6517, 59.4413, 71.1587)
contains.

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Color

**XYZ(61.6495, 59.3639,
71.1599)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC3D5
RGB	222, 195, 213
RGB Percent	87%, 76%, 84%
CMY	0.1294, 0.2353, 0.1647
CMYK	0.00, 0.12, 0.04, 0.13
HSL	320°, 29%, 82%
HSV	320°, 12%, 87%
XYZ	61.6495, 59.3639, 71.1599
YIQ	205.1250, 10.3140, 11.3220

Conversions

Conversions Part 2

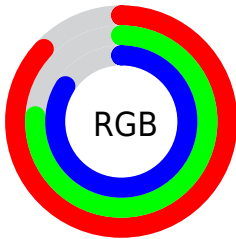
Format	Color
R _{YB}	222, 195, 213
Decimal	14599125
CIE Lab	81.49, 12.59, -5.47
CIE LCh	81, 13.731, 336.505
Yxy	59.3639, 0.3208, 0.3089
Android (android.graphics.Color)	4292789205 (0xFFDEC3D5)
YUV	205.1250, 3.8824, 14.7994
Hunter-Lab	77.0480, 7.9918, -0.8254

Details

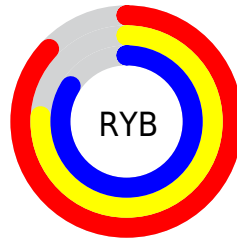
The XYZ color **61.6495, 59.3639, 71.1599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5283, 68.2058, 67.1574**, and the grayscale version is **58.0808, 61.1055, 66.5439**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **31.6328, 29.7339, 36.4197** is the 20% darker color. If you saturate the color by 10%, you get **56.1228, 49.7791, 64.7886**, and if you desaturate by 10%, it is **67.9620, 70.4501, 78.0061**.

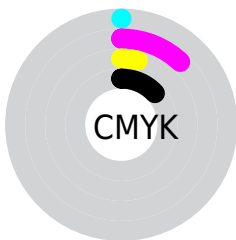
Distribution



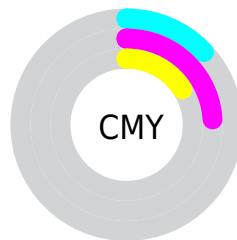
- Red (87%)
- Green (76%)
- Blue (84%)



- Red (87%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (12%)
- Yellow (4%)
- Black (13%)



- Cyan (13%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.6495, 59.3639, 71.1599 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 61.6495, 59.3639, 71.1599 by changing the saturation by 10% instead.

61.6495, 59.3639,
71.1599

61.6495, 59.3639,
71.1599

420.3894,
422.2491, 483.5109

45.0041, 42.9061,
51.9901

106.3116,
103.9064, 122.5580

31.6619, 29.8115,
36.6150

135.0590,
132.7599, 155.6233

21.2577, 19.6955,
24.6161

168.5711,
166.5140, 194.1575

13.4260, 12.1739,
15.5748

207.2132,
205.5533, 238.5791

7.8016, 6.8622,
9.0727

251.3507,
250.2621, 289.3067

4.0190, 3.3761,
4.6912

301.3491,

1.7129, 1.3311,

301.0247, 346.7589

2.0117

357.5735,
358.2256, 411.3541

■ 0.4643, 0.1651,
0.5624

■ 0.0000, 0.0000,
0.0000

■ 61.6495, 59.3639,
71.1599

■ 61.6495, 59.3639,
71.1599

■ 56.1228, 49.7791,
64.7886

■ 67.9620, 70.4501,
78.0061

■ 51.3437, 41.6225,
58.8746

■ 75.0862, 83.0910,
85.3364

■ 47.2784, 34.8267,
53.4044

■ 80.9095, 93.0597,
92.4500

■ 43.8884, 29.3156,
48.3622

■ 82.0026, 93.4970,
98.2065

■ 41.1313, 25.0056,
43.7312

■ 83.1408, 93.9523,
104.2002

■ 38.9600, 21.8032,
39.4923

■ 83.9345, 94.2698,
108.3798

■ 37.3202, 19.6009,
35.6246

■ 36.1469, 18.2695,
32.1030

■ 35.4691, 17.6676,
29.5541

Harmonies

Analogous

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



59.7783, 59.3639, 78.2237



61.6495, 59.3639, 71.1599



62.0992, 59.3639, 62.8591

Triad

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



61.6495, 59.3639, 71.1599



55.7993, 59.3639, 50.1419



52.0936, 59.3639, 74.5258

Complementary

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



61.6495, 59.3639, 71.1599



59.5283, 68.2058, 67.1574

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.



51.1048, 59.3639, 66.4485



61.6495, 59.3639, 71.1599



53.1968, 59.3639, 52.7226

Square

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



61.6495, 59.3639, 71.1599



58.6574, 59.3639, 51.1714



51.5017, 59.3639, 58.5258



54.2472, 59.3639, 80.2796

Rectangle

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



61.6495, 59.3639, 71.1599



61.5193, 59.3639, 57.8226



51.5017, 59.3639, 58.5258



51.6174, 59.3639, 71.9672

Sweetspot

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



61.6512, 59.3665, 71.1612



91.3392, 93.4468, 104.9860



57.6041, 57.1445, 77.1019



19.4053, 19.7459, 22.3164



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.



61.6512, 59.3665, 71.1612



82.0528, 77.1827, 94.7732



60.0083, 58.7093, 62.5097



14.0906, 13.8539, 16.2473



21.1213, 10.5155, 17.8364



1.5050, 0.7453, 1.4524

Inverse Universe

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



61.6512, 59.3665, 71.1612



82.0528, 77.1827, 94.7732



61.2184, 68.8818, 76.0573



14.0906, 13.8539, 16.2473



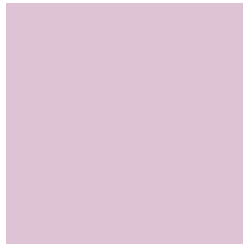
21.1213, 10.5155, 17.8364



1.5050, 0.7453, 1.4524

Previews

White Background



This preview shows how the XYZ color 61.6495, 59.3639, 71.1599 looks on a white background.

Color Contrast Check

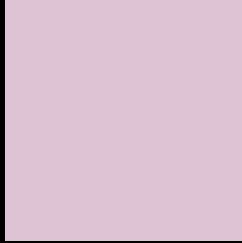
Large Text (above 18pt) WCAG AA × Fail

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 61.6495, 59.3639, 71.1599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

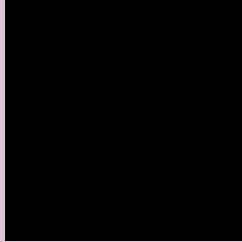
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.6495, 59.3639, 71.1599

Background



This preview shows how black text looks on a background with the XYZ color 61.6495, 59.3639, 71.1599.



This preview shows how white text looks on a background with the XYZ color 61.6495, 59.3639,

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

61.6495, 59.3639, 71.1599

Protanopia

57.7682, 59.3396, 74.0546

Deuteranopia

60.8899, 59.6420, 71.2536



Tritanopia

61.3972, 59.2630, 69.8309

Trichromacy



Original Color

61.6495, 59.3639, 71.1599

Protanomaly

59.1126, 59.3600, 73.3078

Deuteranomaly

60.9636, 59.3440, 71.1922

Tritanomaly

61.5230, 59.3133, 70.4934

Monochromacy



Original Color

61.6495, 59.3639, 71.1599

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

59.1358, 60.1762, 68.1729

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.6495, 59.3639, 71.1599 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(222, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(222, 195, 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(222, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 61.6495, 59.3639, 71.1599 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(222, 195, 213) }
```


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

```
.border{ border-color:rgb(222, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(222, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 61.6495, 59.3639, 71.1599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 195, 213) }
```

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

```
.background{ background-color: rgb(222,  
195, 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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