

Converting Colors

XYZ(61.4445, 59.9697, 69.4420)

Have a look what the booklet for
XYZ(61.4445, 59.9697, 69.4420)
contains.

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Color

**XYZ(61.4179, 59.9578,
69.3087)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC5D2
RGB	221, 197, 210
RGB Percent	87%, 77%, 82%
CMY	0.1333, 0.2274, 0.1765
CMYK	0.00, 0.11, 0.05, 0.13
HSL	328°, 26%, 82%
HSV	328°, 11%, 87%
XYZ	61.4179, 59.9578, 69.3087
YIQ	205.6580, 10.1310, 9.1310

Conversions

Conversions Part 2

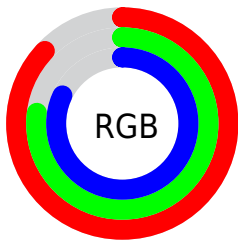
Format	Color
R _Y B	221, 197, 210
Decimal	14534098
CIE Lab	81.82, 10.65, -3.40
CIE LCh	82, 11.181, 342.314
Yxy	59.9578, 0.3221, 0.3144
Android (android.graphics.Color)	4292724178 (0xFFDDC5D2)
YUV	205.6580, 2.1406, 13.4549
Hunter-Lab	77.4324, 6.0760, 1.1330

Details

The XYZ color **61.4179, 59.9578, 69.3087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.2699, 68.1389, 69.6533**, and the grayscale version is **58.4313, 61.4743, 66.9455**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.5491, 30.1522, 35.6096** is the 20% darker color. If you saturate the color by 10%, you get **55.5409, 50.1594, 61.3187**, and if you desaturate by 10%, it is **68.1139, 71.2647, 77.9674**.

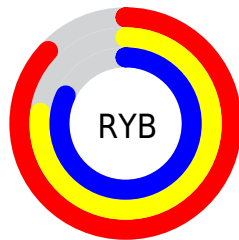
Distribution



Red (87%)

Green (77%)

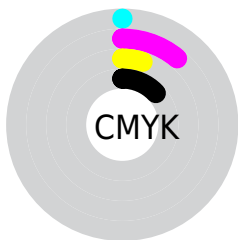
Blue (82%)



Red (87%)

Yellow (77%)

Blue (82%)

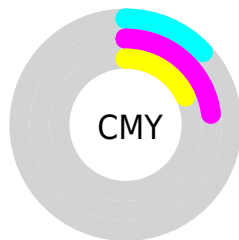


Cyan (0%)

Magenta (11%)

Yellow (5%)

Black (13%)



Cyan (13%)

Magenta (23%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.4179, 59.9578, 69.3087 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 61.4179, 59.9578, 69.3087 by changing the saturation by 10% instead.

61.4179, 59.9578,
69.3087

61.4179, 59.9578,
69.3087

419.5561,
424.4422, 476.8424

44.8163, 43.3846,
50.4898

105.9785,
104.7684, 119.8942

31.5134, 30.1870,
35.4289

134.6682,
133.7747, 152.4980

21.1439, 19.9806,
23.7072

168.1180,
167.6941, 190.5338

13.3423, 12.3809,
14.9064

206.6933,
206.9111, 234.4202

7.7433, 7.0037,
8.6078

250.7594,
251.8100, 284.5757

3.9815, 3.4644,
4.3930

300.6817,

1.6917, 1.3787,

302.7752, 341.4189

1.8433

356.8254,
360.1911, 405.3682

■ 0.4511, 0.2010,
0.4563

■ 0.0000, 0.0000,
0.0000

■ 61.4179, 59.9578,
69.3087

■ 61.4179, 59.9578,
69.3087

■ 55.5409, 50.1594,
61.3187

■ 68.1139, 71.2647,
77.9674

■ 50.4443, 41.7973,
53.9752

■ 75.6552, 84.1326,
87.3084

■ 46.0943, 34.8051,
47.2601

■ 81.3659, 93.2070,
96.4474

■ 42.4521, 29.1080,
41.1528

■ 82.9169, 93.8274,
104.6146

■ 39.4756, 24.6241,
35.6315

■ 83.6292, 94.1123,
108.3655

■ 37.1176, 21.2618,
30.6721

■ 35.3244, 18.9165,
26.2484

■ 34.0324, 17.4637,
22.3303

■ 33.1907, 16.7210,
19.1499

Harmonies

Analogous

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



60.0952, 59.9578, 75.3644



61.4179, 59.9578, 69.3087



61.5336, 59.9578, 62.5535

Triad

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



61.4179, 59.9578, 69.3087



56.0266, 59.9578, 53.4015



53.7006, 59.9578, 74.4214

Complementary

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



61.4179, 59.9578, 69.3087



60.2699, 68.1389, 69.6533

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.



52.6722, 59.9578, 68.0926



61.4179, 59.9578, 69.3087



53.9900, 59.9578, 56.1449

Square

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



61.4179, 59.9578, 69.3087



58.3766, 59.9578, 53.6774



52.7766, 59.9578, 61.4179



55.6217, 59.9578, 78.4532

Rectangle

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



61.4179, 59.9578, 69.3087



60.9065, 59.9578, 58.5856



52.7766, 59.9578, 61.4179



53.2415, 59.9578, 72.4741

Sweetspot

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



61.4196, 59.9604, 69.3100



92.0984, 94.9920, 105.1561



58.9759, 58.5368, 76.5978



19.5478, 20.0528, 22.2967



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.



61.4196, 59.9604, 69.3100



83.0205, 79.7025, 93.2939



60.0033, 59.3939, 61.8518



13.3495, 13.1689, 15.1016



19.3386, 9.7365, 11.4292



1.2962, 0.6481, 0.9685

Inverse Universe

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



61.4196, 59.9604, 69.3100



83.0205, 79.7025, 93.2939



61.7761, 68.7413, 77.5848



13.3495, 13.1689, 15.1016



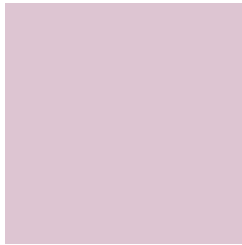
19.3386, 9.7365, 11.4292



1.2962, 0.6481, 0.9685

Previews

White Background



This preview shows how the XYZ color 61.4179, 59.9578, 69.3087 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 61.4179, 59.9578, 69.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

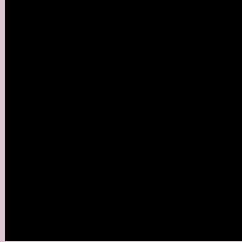
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.4179, 59.9578, 69.3087

Background



This preview shows how black text looks on a background with the XYZ color 61.4179, 59.9578, 69.3087.



This preview shows how white text looks on a background with the XYZ color 61.4179, 59.9578,

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

61.4179, 59.9578, 69.3087

Protanopia

58.0326, 59.8825, 71.4506

Deuteranopia

61.1143, 59.8013, 69.2945



Tritanopia

61.6687, 60.0581, 70.6294

Trichromacy



Original Color

61.4179, 59.9578, 69.3087

Protanomaly

59.1163, 59.7637, 70.7071

Deuteranomaly

61.1143, 59.8013, 69.2945

Tritanomaly

61.5429, 60.0078, 69.9670

Monochromacy



Original Color

61.4179, 59.9578, 69.3087

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

59.4824, 61.0657, 67.6833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.4179, 59.9578, 69.3087 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(221, 197, 210)` looks like.

```
.text, #text, p{  
    color:rgb(221, 197, 210)  
}
```

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(221, 197, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 197, 210) }
```

Border

The CSS property to change the border of an element to XYZ 61.4179, 59.9578, 69.3087 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(221, 197, 210) }
```


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

```
.border{ border-color:rgb(221, 197, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 197, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 197, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 197, 210);  
box-shadow:4px 4px 4px 4px rgb(221, 197,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 61.4179, 59.9578, 69.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 197, 210) }
```

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

```
.background{ background-color: rgb(221,  
197, 210) }
```

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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