

Converting Colors

XYZ(59.2789, 57.0174, 71.1984)

Have a look what the booklet for
XYZ(59.2789, 57.0174, 71.1984)
contains.

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Color

**XYZ(59.3061, 57.1532,
71.5242)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0D6
RGB	216, 192, 214
RGB Percent	85%, 75%, 84%
CMY	0.1529, 0.2470, 0.1608
CMYK	0.00, 0.11, 0.01, 0.15
HSL	305°, 24%, 80%
HSV	305°, 11%, 85%
XYZ	59.3061, 57.1532, 71.5242
YIQ	201.6840, 7.2420, 11.9300

Conversions

Conversions Part 2

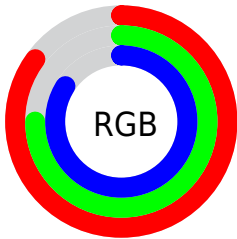
Format	Color
R _Y B	216, 192, 214
Decimal	14205142
CIE Lab	80.27, 12.32, -7.88
CIE LCh	80, 14.626, 327.388
Yxy	57.1532, 0.3155, 0.3040
Android (android.graphics.Color)	4292395222 (0xFFD8C0D6)
YUV	201.6840, 6.0718, 12.5551
Hunter-Lab	75.5997, 7.7292, -3.1739

Details

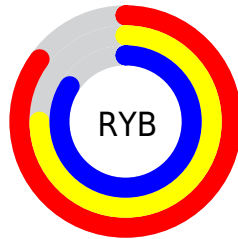
The XYZ color **59.3061, 57.1532, 71.5242** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0339, 64.2148, 60.4833**, and the grayscale version is **55.9038, 58.8151, 64.0496**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.0444, 28.2572, 36.6716** is the 20% darker color. If you saturate the color by 10%, you get **54.6790, 48.2642, 68.8543**, and if you desaturate by 10%, it is **64.6351, 67.4402, 74.4420**.

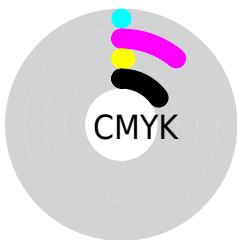
Distribution



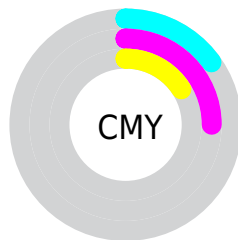
- Red (85%)
- Green (75%)
- Blue (84%)



- Red (85%)
- Yellow (75%)
- Blue (84%)



- Cyan (0%)
- Magenta (11%)
- Yellow (1%)
- Black (15%)



- Cyan (15%)
- Magenta (25%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3061, 57.1532, 71.5242 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 59.3061, 57.1532, 71.5242 by changing the saturation by 10% instead.

■ 59.3061, 57.1532,
71.5242

■ 59.3061, 57.1532,
71.5242

411.9112,
414.0231, 484.8168

■ 43.1069, 41.1283,
52.2856

■ 102.9345,
100.6887, 123.0812

■ 30.1639, 28.4193,
36.8490

131.0944,
128.9680, 156.2368

■ 20.1117, 18.6420,
24.7957

163.9719,
162.1009, 194.8684

■ 12.5850, 11.4119,
15.7073

201.9324,
200.4718, 239.3947

■ 7.2184, 6.3446,
9.1652

245.3412,
244.4651, 290.2341

■ 3.6466, 3.0557,
4.7508

294.5637,

■ 1.5042, 1.1609,

294.4652, 347.8053

2.0456

349.9653,
350.8564, 412.5266

■ 0.3287, 0.0294,
0.5831

■ 0.0000, 0.0000,
0.0000

■ 59.3061, 57.1532,
71.5242

■ 59.3061, 57.1532,
71.5242

■ 54.6790, 48.2642,
68.8543

■ 64.6351, 67.4402,
74.4420

■ 50.7187, 40.7054,
66.4184

■ 70.6893, 79.1745,
77.6134

■ 47.3943, 34.4144,
64.2070

■ 76.9185, 91.2548,
80.8558

■ 44.6707, 29.3211,
62.2083

■ 77.1575, 91.3504,
82.1141

42.5093, 25.3482,
60.4094

77.3990, 91.4470,
83.3859

40.8672, 22.4098,
58.7959

77.6431, 91.5447,
84.6714

39.6950, 20.4073,
57.3513

77.8898, 91.6433,
85.9704

38.9340, 19.2232,
56.0561

78.1391, 91.7431,
87.2832

38.5120, 18.6762,
54.9996

78.3910, 91.8438,
88.6097

Harmonies

Analogous

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



57.0079, 57.1532, 78.0100



59.3061, 57.1532, 71.5242



60.2651, 57.1532, 62.9829

Triad

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



59.3061, 57.1532, 71.5242



54.5846, 57.1532, 47.2003



49.3800, 57.1532, 70.1087

Complementary

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



59.3061, 57.1532, 71.5242



56.0339, 64.2148, 60.4833

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.



48.7838, 57.1532, 61.4834



59.3061, 57.1532, 71.5242



51.7226, 57.1532, 48.7360

Square

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



59.3061, 57.1532, 71.5242



57.4775, 57.1532, 49.3758



49.6260, 57.1532, 53.7782



51.2850, 57.1532, 77.1416

Rectangle

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



59.3061, 57.1532, 71.5242



59.9906, 57.1532, 57.4422



49.6260, 57.1532, 53.7782



49.0230, 57.1532, 67.2770

Sweetspot

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



59.3078, 57.1557, 71.5254



92.5554, 95.1748, 107.5629



53.4949, 54.1293, 72.5952



19.6715, 20.1023, 22.9476



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.



59.3078, 57.1557, 71.5254



84.9297, 80.4662, 103.3477



57.8311, 56.5650, 63.7494



12.9063, 12.6140, 15.4468



22.8144, 11.0621, 32.6565



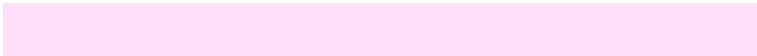
1.3895, 0.6726, 2.0407

Inverse Universe

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



59.3078, 57.1557, 71.5254



84.9297, 80.4662, 103.3477



57.4366, 64.7759, 67.8701



12.9063, 12.6140, 15.4468



22.8144, 11.0621, 32.6565



1.3895, 0.6726, 2.0407

Previews

White Background



This preview shows how the XYZ color 59.3061, 57.1532, 71.5242 looks on a white background.

Color Contrast Check

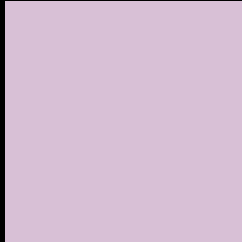
Large Text (above 18pt) WCAG AA × Fail

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 59.3061, 57.1532, 71.5242 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

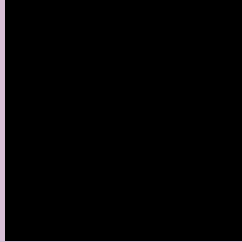
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3061, 57.1532, 71.5242

Background



This preview shows how black text looks on a background with the XYZ color 59.3061, 57.1532, 71.5242.



This preview shows how white text looks on a background with the XYZ color 59.3061, 57.1532,

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

59.3061, 57.1532, 71.5242

Protanopia

55.8749, 57.3204, 74.4487

Deuteranopia

58.3589, 56.9920, 71.5430



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

59.3061, 57.1532, 71.5242

Protanomaly

57.1662, 57.3270, 73.6979

Deuteranomaly

58.6481, 57.1411, 71.5566

Tritanomaly

58.7272, 57.2401, 68.9260

Monochromacy



Original Color

59.3061, 57.1532, 71.5242

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0668, 58.1098, 66.6011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3061, 57.1532, 71.5242 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(216, 192, 214) looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 214)  
}
```

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(216, 192, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.3061, 57.1532, 71.5242 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(216, 192, 214) }
```


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

```
.border{ border-color:rgb(216, 192, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 192, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 192, 214); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 192, 214); box-shadow:4px 4px 4px 4px rgb(216, 192, 214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3061, 57.1532, 71.5242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 192, 214) }
```

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

```
.background{ background-color: rgb(216,  
192, 214) }
```

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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