

Converting Colors

XYZ(59.5051, 57.3230, 72.7017)

Have a look what the booklet for
XYZ(59.5051, 57.3230, 72.7017)
contains.

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Color

**XYZ(59.5632, 57.2561,
72.8780)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | D8C0D8 |
| RGB | 216, 192, 216 |
| RGB Percent | 85%, 75%, 85% |
| CMY | 0.1529, 0.2470, 0.1529 |
| CMYK | 0.00, 0.11, 0.00, 0.15 |
| HSL | 300°, 24%, 80% |
| HSV | 300°, 11%, 85% |
| XYZ | 59.5632, 57.2561, 72.8780 |
| YIQ | 201.9120, 6.6000, 12.5520 |

Conversions

Conversions Part 2

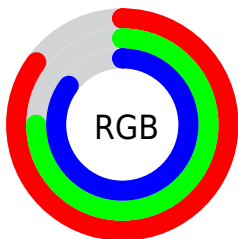
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 216, 192, 216 |
| Decimal | 14205144 |
| CIE Lab | 80.32, 12.69, -8.87 |
| CIE LCh | 80, 15.482, 325.033 |
| Yxy | 57.2561, 0.3140, 0.3018 |
| Android (android.graphics.Color) | 4292395224 (0xFFD8C0D8) |
| YUV | 201.9120, 6.9454, 12.3552 |
| Hunter-Lab | 75.6678, 8.0908, -4.1366 |

Details

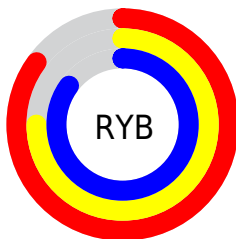
The XYZ color **59.5632, 57.2561, 72.8780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.8107, 64.1255, 59.3081**, and the grayscale version is **56.0408, 58.9593, 64.2066**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.2194, 28.3272, 37.5932** is the 20% darker color. If you saturate the color by 10%, you get **55.1649, 48.4586, 71.4126**, and if you desaturate by 10%, it is **64.6609, 67.4506, 74.5779**.

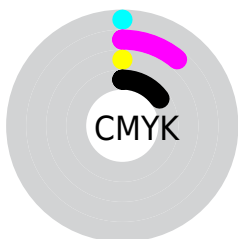
Distribution



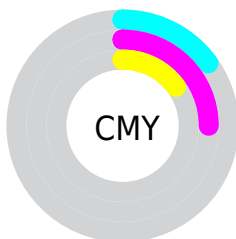
- Red (85%)
- Green (75%)
- Blue (85%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5632, 57.2561, 72.8780 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 59.5632, 57.2561, 72.8780 by changing the saturation by 10% instead.

■ 59.5632, 57.2561,
72.8780

■ 59.5632, 57.2561,
72.8780

412.8465,
414.4083, 489.6513

■ 43.3148, 41.2109,
53.3850

■ 103.3057,
100.8388, 125.0233

■ 30.3278, 28.4839,
37.7204

131.5305,
129.1450, 158.5127

■ 20.2368, 18.6908,
25.4656

164.4782,
162.3071, 197.5046

■ 12.6766, 11.4470,
16.2021

202.5140,
200.7093, 242.4176

■ 7.2817, 6.3684,
9.5114

246.0034,
244.7362, 293.6703

■ 3.6868, 3.0703,
4.9749

295.3117,

■ 1.5265, 1.1686,

294.7720, 351.6811

2.1740

350.8043,
351.2013, 416.8686

■ 0.3438, 0.0358,
0.6593

■ 0.0000, 0.0000,
0.0000

■ 59.5632, 57.2561,
72.8780

■ 59.5632, 57.2561,
72.8780

■ 55.1649, 48.4586,
71.4126

■ 64.6609, 67.4506,
74.5779

■ 51.4307, 40.9902,
70.1679

■ 70.4813, 79.0914,
76.5180

■ 48.3299, 34.7887,
69.1343

■ 76.4741, 91.0771,
78.5157

■ 45.8275, 29.7838,
68.3001

■ 76.4741, 91.0771,
78.5157

43.8848, 25.8984,
67.6525

76.4741, 91.0771,
78.5157

42.4588, 23.0464,
67.1772

76.4742, 91.0771,
78.5157

41.5003, 21.1294,
66.8577

76.4742, 91.0771,
78.5157

40.9504, 20.0297,
66.6744

76.4742, 91.0771,
78.5157

40.7141, 19.5570,
66.5957

76.4742, 91.0771,
78.5157

Harmonies

Analogous

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



57.0371, 57.2561, 79.5119



59.5632, 57.2561, 72.8780



60.7134, 57.2561, 63.8641

Triad

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



59.5632, 57.2561, 72.8780



54.9490, 57.2561, 46.5354



49.0884, 57.2561, 70.0146

Complementary

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



59.5632, 57.2561, 72.8780



55.8107, 64.1255, 59.3081

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.



48.5776, 57.2561, 60.8446



59.5632, 57.2561, 72.8780



51.8846, 57.2561, 47.8412

Square

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



59.5632, 57.2561, 72.8780



57.9844, 57.2561, 49.1178



49.5821, 57.2561, 52.8741



51.0052, 57.2561, 77.7496

Rectangle

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



59.5632, 57.2561, 72.8780



60.5141, 57.2561, 57.9283



49.5821, 57.2561, 52.8741



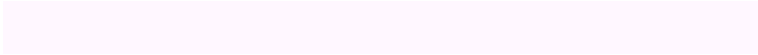
48.7498, 57.2561, 66.9747

Sweetspot

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



59.5649, 57.2586, 72.8792



92.6579, 95.2158, 108.1026



53.0731, 54.0425, 72.6006



19.6993, 20.1134, 23.0940



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.



59.5649, 57.2586, 72.8792



85.3714, 80.6429, 105.6738



58.1176, 56.6796, 65.2577



12.9531, 12.6327, 15.6932



24.0983, 11.5756, 39.4174



1.4535, 0.6982, 2.3775

Inverse Universe

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



56.6850, 56.1066, 57.7142



80.4862, 78.6888, 79.9483



57.1473, 64.6602, 66.3463



12.4233, 12.4208, 12.9034



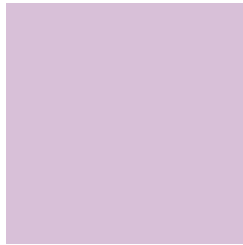
16.7619, 8.6411, 0.7844



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 59.5632, 57.2561, 72.8780 looks on a white background.

Color Contrast Check

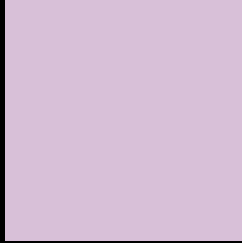
Large Text (above 18pt) WCAG AA × Fail

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 59.5632, 57.2561, 72.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

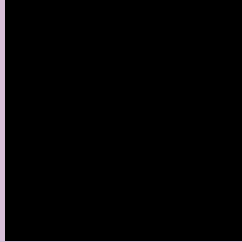
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5632, 57.2561, 72.8780

Background



This preview shows how black text looks on a background with the XYZ color 59.5632, 57.2561, 72.8780.



This preview shows how white text looks on a background with the XYZ color 59.5632, 57.2561,

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

59.5632, 57.2561, 72.8780

Protanopia

56.1383, 57.4258, 75.8356

Deuteranopia

58.5504, 57.3903, 72.9572



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

59.5632, 57.2561, 72.8780

Protanomaly

57.4279, 57.4317, 75.0765

Deuteranomaly

58.9052, 57.2439, 72.9103

Tritanomaly

58.8522, 57.2902, 69.5843

Monochromacy



Original Color

59.5632, 57.2561, 72.8780

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1887, 58.1586, 67.2430

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5632, 57.2561, 72.8780 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, 216)` looks like.

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

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, 216) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 59.5632, 57.2561, 72.8780 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, 216) }
```


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

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

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, 216)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 59.5632, 57.2561, 72.8780 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, 216) }
```

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

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

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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