

Converting Colors

XYZ(59.2681, 57.5793, 71.9965)

Have a look what the booklet for
XYZ(59.2681, 57.5793, 71.9965)
contains.

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Color

**XYZ(59.3600, 57.4933,
72.2587)**

Conversions

Conversions Part 1

Format	Color
Hex	D7C1D7
RGB	215, 193, 215
RGB Percent	84%, 76%, 84%
CMY	0.1569, 0.2431, 0.1569
CMYK	0.00, 0.10, 0.00, 0.16
HSL	300°, 22%, 80%
HSV	300°, 10%, 84%
XYZ	59.3600, 57.4933, 72.2587
YIQ	202.0860, 6.0500, 11.5060

Conversions

Conversions Part 2

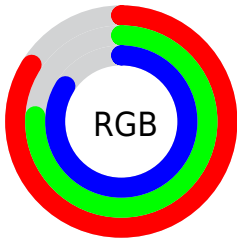
Format	Color
R_{YB}	215, 193, 215
Decimal	14139863
CIE Lab	80.46, 11.63, -8.15
CIE LCh	80, 14.198, 324.983
Yxy	57.4933, 0.3139, 0.3040
Android (android.graphics.Color)	4292329943 (0xFFD7C1D7)
YUV	202.0860, 6.3666, 11.3256
Hunter-Lab	75.8243, 7.0483, -3.4249

Details

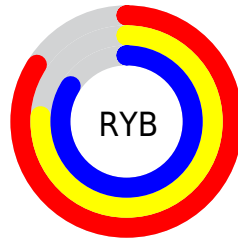
The XYZ color **59.3600, 57.4933, 72.2587** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9206, 63.7901, 59.8204**, and the grayscale version is **56.1530, 59.0773, 64.3352**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.0750, 28.4769, 37.1692** is the 20% darker color. If you saturate the color by 10%, you get **54.9491, 48.6706, 70.7891**, and if you desaturate by 10%, it is **64.4652, 67.7029, 73.9611**.

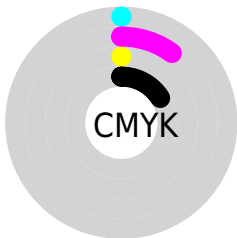
Distribution



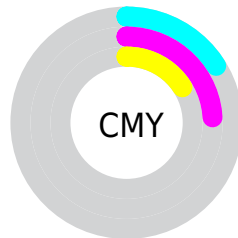
- Red (84%)
- Green (76%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (10%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3600, 57.4933, 72.2587 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 59.3600, 57.4933, 72.2587 by changing the saturation by 10% instead.

■ 59.3600, 57.4933,
72.2587

■ 59.3600, 57.4933,
72.2587

412.1074,
415.2952, 487.4433

■ 43.1505, 41.4014,
52.8819

■ 103.0123,
101.1846, 124.1354

■ 30.1982, 28.6329,
37.3214

131.1859,
129.5529, 157.4724

■ 20.1379, 18.8033,
25.1587

164.0781,
162.7820, 196.2999

■ 12.6042, 11.5282,
15.9752

202.0544,
201.2565, 241.0363

■ 7.2317, 6.4233,
9.3525

245.4801,
245.3606, 292.1004

■ 3.6550, 3.1041,
4.8719

294.7206,

■ 1.5089, 1.1863,

295.4789, 349.9105

2.1148

350.1412,
351.9956, 414.8853

■ 0.3319, 0.0505,
0.6246

■ 0.0000, 0.0000,
0.0000

■ 59.3600, 57.4933,
72.2587

■ 59.3600, 57.4933,
72.2587

■ 54.9491, 48.6706,
70.7891

■ 64.4652, 67.7029,
73.9611

■ 51.1977, 41.1678,
69.5386

■ 70.2876, 79.3476,
75.9019

■ 48.0757, 34.9239,
68.4980

■ 76.0506, 90.8736,
77.8229

■ 45.5487, 29.8699,
67.6556

■ 76.0507, 90.8737,
77.8229

43.5789, 25.9303,
66.9990

76.0507, 90.8737,
77.8229

42.1241, 23.0209,
66.5141

76.0507, 90.8737,
77.8229

41.1365, 21.0455,
66.1849

76.0507, 90.8737,
77.8229

40.5587, 19.8900,
65.9923

76.0507, 90.8737,
77.8229

40.2905, 19.3536,
65.9029

76.0507, 90.8737,
77.8229

Harmonies

Analogous

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



57.0444, 57.4933, 78.2871



59.3600, 57.4933, 72.2587



60.4144, 57.4933, 64.0131

Triad

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



59.3600, 57.4933, 72.2587



55.1367, 57.4933, 47.9485



49.7266, 57.4933, 69.6191

Complementary

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



59.3600, 57.4933, 72.2587



55.9206, 63.7901, 59.8204

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.



49.2563, 57.4933, 61.2087



59.3600, 57.4933, 72.2587



52.3152, 57.4933, 49.1630

Square

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



59.3600, 57.4933, 72.2587



57.9215, 57.4933, 50.3663



50.1878, 57.4933, 53.8436



51.4958, 57.4933, 76.6708

Rectangle

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



59.3600, 57.4933, 72.2587



60.2340, 57.4933, 58.5462



50.1878, 57.4933, 53.8436



49.4141, 57.4933, 66.8376

Sweetspot

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



59.3617, 57.4958, 72.2599



92.6579, 95.2158, 108.1026



53.4117, 54.5489, 72.0047



19.6992, 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.



59.3617, 57.4958, 72.2599



86.0533, 82.0066, 105.9011



58.0393, 56.9668, 65.2962



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4174



1.4535, 0.6982, 2.3775

Inverse Universe

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



56.7220, 56.4399, 58.3595



81.5122, 80.1901, 81.9879



57.1499, 64.2819, 66.2940



12.4233, 12.4208, 12.9034



16.7619, 8.6411, 0.7845



1.0110, 0.5212, 0.0473

Previews

White Background



This preview shows how the XYZ color 59.3600, 57.4933, 72.2587 looks on a white background.

Color Contrast Check

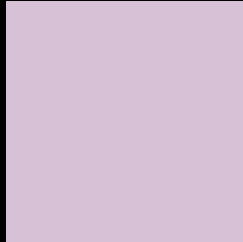
Large Text (above 18pt) WCAG AA × Fail

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 59.3600, 57.4933, 72.2587 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

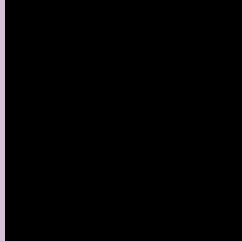
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3600, 57.4933, 72.2587

Background



This preview shows how black text looks on a background with the XYZ color 59.3600, 57.4933, 72.2587.



This preview shows how white text looks on a background with the XYZ color 59.3600, 57.4933,

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

59.3600, 57.4933, 72.2587

Protanopia

56.1377, 57.4559, 74.4610

Deuteranopia

58.7089, 57.4869, 72.2918



Tritanopia

58.5320, 57.4832, 68.3320

Trichromacy



Original Color

59.3600, 57.4933, 72.2587

Protanomaly

57.1662, 57.3270, 73.6979

Deuteranomaly

58.9981, 57.6360, 72.3053

Tritanomaly

58.7812, 57.5829, 69.6445

Monochromacy



Original Color

59.3600, 57.4933, 72.2587

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.4180, 58.6172, 67.3195

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3600, 57.4933, 72.2587 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(215, 193, 215)` looks like.

```
.text, #text, p{  
    color:rgb(215, 193, 215)  
}
```

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(215, 193, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 193, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.3600, 57.4933, 72.2587 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(215, 193, 215) }
```


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

```
.border{ border-color:rgb(215, 193, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 193, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 193, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 193, 215);  
box-shadow:4px 4px 4px 4px rgb(215, 193,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3600, 57.4933, 72.2587 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 193, 215) }
```

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

```
.background{ background-color: rgb(215,  
193, 215) }
```

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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