

Converting Colors

XYZ(59.4399, 57.3117, 72.3794)

Have a look what the booklet for
XYZ(59.4399, 57.3117, 72.3794)
contains.

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Color

**XYZ(59.4343, 57.2045,
72.1990)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C0D7
RGB	216, 192, 215
RGB Percent	85%, 75%, 84%
CMY	0.1529, 0.2470, 0.1569
CMYK	0.00, 0.11, 0.00, 0.15
HSL	303°, 24%, 80%
HSV	303°, 11%, 85%
XYZ	59.4343, 57.2045, 72.1990
YIQ	201.7980, 6.9210, 12.2410

Conversions

Conversions Part 2

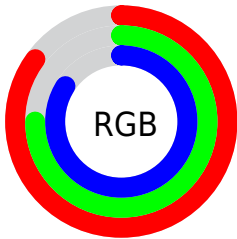
Format	Color
R _Y B	216, 192, 215
Decimal	14205143
CIE Lab	80.29, 12.50, -8.38
CIE LCh	80, 15.051, 326.176
Yxy	57.2045, 0.3147, 0.3029
Android (android.graphics.Color)	4292395223 (0xFFD8C0D7)
YUV	201.7980, 6.5086, 12.4552
Hunter-Lab	75.6337, 7.9096, -3.6540

Details

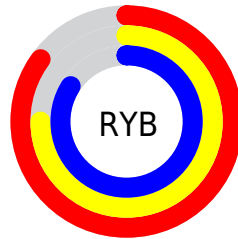
The XYZ color **59.4343, 57.2045, 72.1990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.9220, 64.1701, 59.8938**, and the grayscale version is **55.9723, 58.8872, 64.1281**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **30.1316, 28.2921, 37.1305** is the 20% darker color. If you saturate the color by 10%, you get **54.9206, 48.3608, 70.1258**, and if you desaturate by 10%, it is **64.6480, 67.4454, 74.5100**.

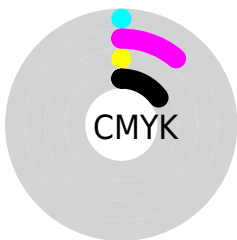
Distribution



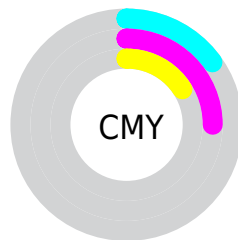
- Red (85%)
- Green (75%)
- Blue (84%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4343, 57.2045, 72.1990 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 59.4343, 57.2045, 72.1990 by changing the saturation by 10% instead.

■ 59.4343, 57.2045,
72.1990

■ 59.4343, 57.2045,
72.1990

412.3777,
414.2152, 487.2301

■ 43.2105, 41.1694,
52.8334

■ 103.1196,
100.7635, 124.0498

■ 30.2456, 28.4515,
37.2830

131.3119,
129.0563, 157.3720

■ 20.1741, 18.6663,
25.1292

164.2244,
162.2037, 196.1836

■ 12.6306, 11.4294,
15.9534

202.2225,
200.5903, 240.9030

■ 7.2499, 6.3564,
9.3372

245.6715,
244.6003, 291.9489

■ 3.6666, 3.0630,
4.8620

294.9368,

■ 1.5153, 1.1647,

294.6182, 349.7396

2.1092

350.3838,
351.0283, 414.6939

■ 0.3362, 0.0326,
0.6212

■ 0.0000, 0.0000,
0.0000

■ 59.4343, 57.2045,
72.1990

■ 59.4343, 57.2045,
72.1990

■ 54.9206, 48.3608,
70.1258

■ 64.6480, 67.4454,
74.5100

■ 51.0716, 40.8466,
68.2767

■ 70.5851, 79.1329,
77.0646

■ 47.8567, 34.5994,
66.6420

■ 76.6953, 91.1655,
79.6801

■ 45.2408, 29.5491,
65.2101

■ 76.8133, 91.2127,
80.3013

43.1852, 25.6185,
63.9681

76.9319, 91.2602,
80.9259

41.6470, 22.7217,
62.9017

77.0512, 91.3079,
81.5539

40.5768, 20.7600,
61.9945

77.1710, 91.3558,
82.1853

39.9160, 19.6160,
61.2268

77.2916, 91.4041,
82.8200

39.5815, 19.1040,
60.6312

77.4128, 91.4525,
83.4582

Harmonies

Analogous

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



57.0222, 57.2045, 78.7584



59.4343, 57.2045, 72.1990



60.4888, 57.2045, 63.4226

Triad

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



59.4343, 57.2045, 72.1990



54.7666, 57.2045, 46.8671



49.2339, 57.2045, 70.0611

Complementary

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



59.4343, 57.2045, 72.1990



55.9220, 64.1701, 59.8938

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.



48.6806, 57.2045, 61.1630



59.4343, 57.2045, 72.1990



51.8035, 57.2045, 48.2871

Square

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



59.4343, 57.2045, 72.1990



57.7305, 57.2045, 49.2469



49.6041, 57.2045, 53.3246



51.1448, 57.2045, 77.4446

Rectangle

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



59.4343, 57.2045, 72.1990



60.2518, 57.2045, 57.6851



49.6041, 57.2045, 53.3246



48.8861, 57.2045, 67.1252

Sweetspot

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



59.4360, 57.2070, 72.2002



92.6066, 95.1953, 107.8325



53.1882, 53.9712, 72.5809



19.6853, 20.1078, 23.0207



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.



59.4360, 57.2070, 72.2002



85.1497, 80.5542, 104.5063



57.9738, 56.6221, 64.5007



12.9296, 12.6233, 15.5696



23.4382, 11.3116, 35.9414



1.4208, 0.6851, 2.2052

Inverse Universe

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



59.4360, 57.2070, 72.2002



85.1497, 80.5542, 104.5063



57.2914, 64.7179, 67.1053



12.9296, 12.6233, 15.5696



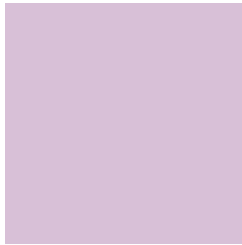
23.4382, 11.3116, 35.9414



1.4208, 0.6851, 2.2052

Previews

White Background



This preview shows how the XYZ color 59.4343, 57.2045, 72.1990 looks on a white background.

Color Contrast Check

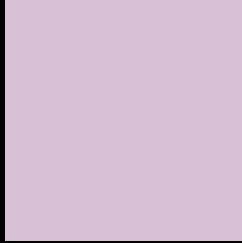
Large Text (above 18pt) WCAG AA × Fail

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 59.4343, 57.2045, 72.1990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

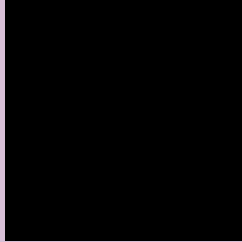
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4343, 57.2045, 72.1990

Background



This preview shows how black text looks on a background with the XYZ color 59.4343, 57.2045, 72.1990.



This preview shows how white text looks on a background with the XYZ color 59.4343, 57.2045,

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

59.4343, 57.2045, 72.1990

Protanopia

56.0062, 57.3730, 75.1401

Deuteranopia

58.7089, 57.4869, 72.2918



Tritanopia

58.4795, 57.1411, 67.6216

Trichromacy



Original Color

59.4343, 57.2045, 72.1990

Protanomaly

57.2967, 57.3792, 74.3851

Deuteranomaly

58.7763, 57.1924, 72.2314

Tritanomaly

58.8522, 57.2902, 69.5843

Monochromacy



Original Color

59.4343, 57.2045, 72.1990

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 59.4343, 57.2045, 72.1990 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, 215)` looks like.

```
.text, #text, p{  
    color:rgb(216, 192, 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(216, 192, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 192, 215) }
```

Border

The CSS property to change the border of an element to XYZ 59.4343, 57.2045, 72.1990 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, 215) }
```


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

```
.border{ border-color:rgb(216, 192, 215) }
```

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, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 192, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 192, 215);  
box-shadow:4px 4px 4px 4px rgb(216, 192,  
215) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4343, 57.2045, 72.1990 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, 215) }
```

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

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