

Converting Colors

XYZ(58.6797, 57.3572, 67.1219)

Have a look what the booklet for
XYZ(58.6797, 57.3572, 67.1219)
contains.

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Color

**XYZ(58.6514, 57.2439,
66.9894)**

Conversions

Conversions Part 1

Format	Color
Hex	D8C1CF
RGB	216, 193, 207
RGB Percent	85%, 76%, 81%
CMY	0.1529, 0.2431, 0.1882
CMYK	0.00, 0.11, 0.04, 0.15
HSL	323°, 23%, 80%
HSV	323°, 11%, 85%
XYZ	58.6514, 57.2439, 66.9894
YIQ	201.4730, 9.2140, 9.2300

Conversions

Conversions Part 2

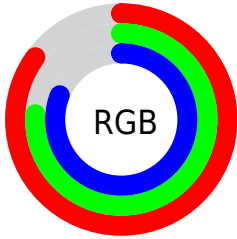
Format	Color
R _Y B	216, 193, 207
Decimal	14205391
CIE Lab	80.32, 10.52, -4.04
CIE LCh	80, 11.271, 338.996
Yxy	57.2439, 0.3207, 0.3130
Android (android.graphics.Color)	4292395471 (0xFFD8C1CF)
YUV	201.4730, 2.7248, 12.7402
Hunter-Lab	75.6597, 5.9687, 0.4662

Details

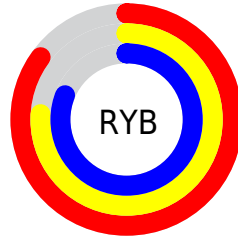
The XYZ color **58.6514, 57.2439, 66.9894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.2111, 64.7151, 65.3562**, and the grayscale version is **55.7919, 58.6974, 63.9215**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.6803, 28.3422, 34.0433** is the 20% darker color. If you saturate the color by 10%, you get **53.2152, 47.9807, 60.2143**, and if you desaturate by 10%, it is **64.8436, 67.9289, 74.2909**.

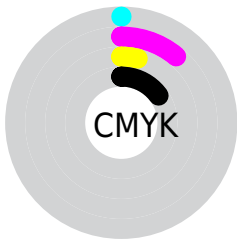
Distribution



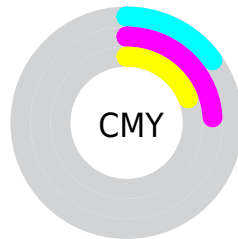
- Red (85%)
- Green (76%)
- Blue (81%)



- Red (85%)
- Yellow (76%)
- Blue (81%)



- Cyan (0%)
- Magenta (11%)
- Yellow (4%)
- Black (15%)





- Cyan (15%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 58.6514, 57.2439, 66.9894 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 58.6514, 57.2439, 66.9894 by changing the saturation by 10% instead.


 58.6514, 57.2439,
66.9894

 58.6514, 57.2439,
66.9894


409.5237,
414.3626, 468.4075

 42.5778, 41.2011,
48.6145


 101.9884,
100.8210, 116.5457

 29.7471, 28.4762,
33.9503

129.9825,
129.1240, 148.5642

 19.7938, 18.6850,
22.5784


162.6809,
162.2827, 185.9676

 12.3527, 11.4429,
14.0801

200.4488,
200.6812, 229.1745

 7.0582, 6.3655,
8.0370

243.6517,
244.7041, 278.6034

 3.5452, 3.0686,
4.0305

292.6549,

 1.4482, 1.1677,

294.7357, 334.6728

1.6421

347.8238,
351.1604, 397.8013

■ 0.2902, 0.0350,
0.3206

■ 0.0000, 0.0000,
0.0000

■ 58.6514, 57.2439,
66.9894

■ 58.6514, 57.2439,
66.9894

■ 53.2152, 47.9807,
60.2143

■ 64.8436, 67.9289,
74.2909

■ 48.4991, 40.0714,
53.9475

■ 71.8161, 80.0853,
82.1289

■ 44.4716, 33.4535,
48.1746

■ 78.6963, 91.9659,
90.2175

■ 41.0968, 28.0566,
42.8794

■ 79.9290, 92.4590,
96.7087

■ 38.3354, 23.8037,
38.0441

■ 81.2203, 92.9755,
103.5085

■ 36.1437, 20.6089,
33.6496

■ 82.1293, 93.3391,
108.2953

■ 34.4718, 18.3738,
29.6743

■ 33.2605, 16.9817,
26.0936

■ 32.4476, 16.2505,
23.0647

Harmonies

Analogous

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



57.2451, 57.2439, 72.7219



58.6514, 57.2439, 66.9894



58.9040, 57.2439, 60.3653

Triad

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



58.6514, 57.2439, 66.9894



53.7186, 57.2439, 50.6151



51.0367, 57.2439, 70.6612

Complementary

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



58.6514, 57.2439, 66.9894



57.2111, 64.7151, 65.3562

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.



50.1480, 57.2439, 64.3346



58.6514, 57.2439, 66.9894



51.6674, 57.2439, 52.9764

Square

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



58.6514, 57.2439, 66.9894



56.0125, 57.2439, 51.2156



50.3755, 57.2439, 57.8897



52.8357, 57.2439, 74.9437

Rectangle

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



58.6514, 57.2439, 66.9894



58.3774, 57.2439, 56.3768



50.3755, 57.2439, 57.8897



50.6239, 57.2439, 68.6857

Sweetspot

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



58.6530, 57.2464, 66.9906



92.1795, 95.0245, 105.5836



55.7745, 55.6317, 72.7650



19.5698, 20.0616, 22.4121



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.



58.6530, 57.2464, 66.9906



83.3524, 79.8353, 95.0415



57.3187, 56.7127, 59.9642



12.7376, 12.5465, 14.5583



19.2598, 9.6402, 13.9382



1.2018, 0.5975, 1.0519

Inverse Universe

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



58.6530, 57.2464, 66.9906



83.3524, 79.8353, 95.0415



58.6006, 65.2708, 72.6729



12.7376, 12.5465, 14.5583



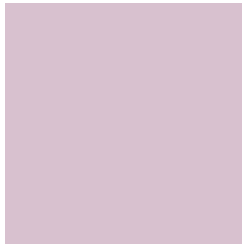
19.2598, 9.6402, 13.9382



1.2018, 0.5975, 1.0519

Previews

White Background



This preview shows how the XYZ color 58.6514, 57.2439, 66.9894 looks on a white background.

Color Contrast Check

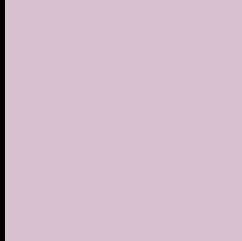
Large Text (above 18pt) WCAG AA × Fail

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 58.6514, 57.2439, 66.9894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

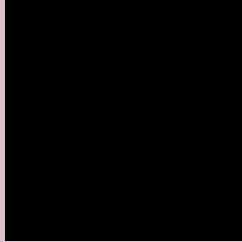
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.6514, 57.2439, 66.9894

Background



This preview shows how black text looks on a background with the XYZ color 58.6514, 57.2439, 66.9894.



This preview shows how white text looks on a background with the XYZ color 58.6514, 57.2439,

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

58.6514, 57.2439, 66.9894

Protanopia

55.6464, 57.3207, 69.1039

Deuteranopia

58.3568, 57.0920, 66.9756



Tritanopia

58.7740, 57.2929, 67.6354

Trichromacy



Original Color

58.6514, 57.2439, 66.9894

Protanomaly

56.7021, 57.2051, 68.3748

Deuteranomaly

58.3568, 57.0920, 66.9756

Tritanomaly

58.7740, 57.2929, 67.6354

Monochromacy



Original Color

58.6514, 57.2439, 66.9894

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.4272, 57.8218, 64.6866

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6514, 57.2439, 66.9894 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, 193, 207) looks like.

```
.text, #text, p{  
    color:rgb(216, 193, 207)  
}
```

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, 193, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 193, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.6514, 57.2439, 66.9894 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, 193, 207) }
```


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

```
.border{ border-color:rgb(216, 193, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 193, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(216, 193, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(216, 193, 207); box-shadow:4px 4px 4px 4px rgb(216, 193, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6514, 57.2439, 66.9894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 193, 207) }
```

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

```
.background{ background-color: rgb(216,  
193, 207) }
```

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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