

Converting Colors

XYZ(58.4104, 59.8499, 73.1398)

Have a look what the booklet for
XYZ(58.4104, 59.8499, 73.1398)
contains.

XYZ(58.4582, 59.7103, 73.4099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(58.4582, 59.7103,
73.4099)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC9D8
RGB	205, 201, 216
RGB Percent	80%, 79%, 85%
CMY	0.1961, 0.2117, 0.1529
CMYK	0.05, 0.07, 0.00, 0.15
HSL	256°, 16%, 82%
HSV	256°, 7%, 85%
XYZ	58.4582, 59.7103, 73.4099
YIQ	203.9060, -2.4310, 5.5130

Conversions

Conversions Part 2

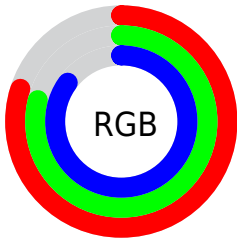
Format	Color
R _Y B	205, 201, 216
Decimal	13486552
CIE Lab	81.68, 4.18, -6.96
CIE LCh	82, 8.115, 300.969
Yxy	59.7103, 0.3051, 0.3117
Android (android.graphics.Color)	4291676632 (0xFFCDC9D8)
YUV	203.9060, 5.9623, 0.9594
Hunter-Lab	77.2724, -0.1878, -2.2356

Details

The XYZ color **58.4582, 59.7103, 73.4099** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.2520, 67.3274, 64.9757**, and the grayscale version is **57.3013, 60.2854, 65.6508**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.6292, 30.0200, 37.9510** is the 20% darker color. If you saturate the color by 10%, you get **49.6219, 48.1997, 71.6548**, and if you desaturate by 10%, it is **68.4486, 72.8702, 75.4244**.

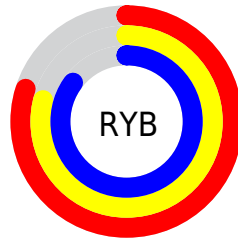
Distribution



Red (80%)

Green (79%)

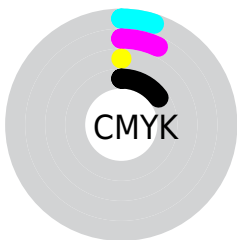
Blue (85%)



Red (80%)

Yellow (79%)

Blue (85%)

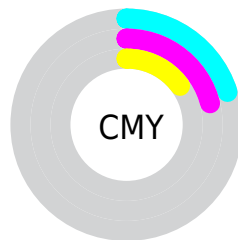


Cyan (5%)

Magenta (7%)

Yellow (0%)

Black (15%)



Cyan (20%)

Magenta (21%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4582, 59.7103, 73.4099 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 58.4582, 59.7103, 73.4099 by changing the saturation by 10% instead.

■ 58.4582, 59.7103,
73.4099

■ 58.4582, 59.7103,
73.4099

408.8175,
423.5291, 491.5431

■ 42.4218, 43.1852,
53.8173

101.7089,
104.4093, 125.7852

■ 29.6243, 30.0304,
38.0635

129.6540,
133.3520, 159.4051

■ 19.7002, 19.8617,
25.7297

162.2993,
167.2026, 198.5378

■ 12.2843, 12.2945,
16.3976

200.0103,
206.3456, 243.6019

■ 7.0112, 6.9446,
9.6486

243.1522,
251.1654, 295.0160

■ 3.5155, 3.4275,
5.0640

292.0905,

■ 1.4319, 1.3588,

302.0463, 353.1985

2.2255

347.1905,
359.3727, 418.5680

■ 0.2788, 0.1860,
0.6890

■ 0.0000, 0.0000,
0.0000

■ 58.4582, 59.7103,
73.4099

■ 58.4582, 59.7103,
73.4099

■ 49.6219, 48.1997,
71.6548

■ 68.4486, 72.8702,
75.4244

■ 41.8919, 38.2653,
70.1446

■ 79.6281, 87.7336,
77.7041

■ 35.2249, 29.8396,
68.8697

■ 88.4922, 97.2726,
79.0781

■ 29.5725, 22.8474,
67.8180

■ 89.3948, 97.7379,
79.1203

■ 24.8824, 17.2068,
66.9764

■ 21.0973, 12.8274,
66.3306

■ 18.1535, 9.6074,
65.8643

■ 15.9780, 7.4288,
65.5584

■ 14.4793, 6.1389,
65.3884

Harmonies

Analogous

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



56.8084, 59.7103, 74.8707



58.4582, 59.7103, 73.4099



59.6706, 59.7103, 69.6824

Triad

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



58.4582, 59.7103, 73.4099



58.3602, 59.7103, 57.1387



53.5347, 59.7103, 65.1735

Complementary

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



58.4582, 59.7103, 73.4099



62.2520, 67.3274, 64.9757

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.



53.9318, 59.7103, 60.5596



58.4582, 59.7103, 73.4099



56.6974, 59.7103, 56.0634

Square

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



58.4582, 59.7103, 73.4099



59.6132, 59.7103, 60.2974



55.0810, 59.7103, 57.2847



53.9855, 59.7103, 69.9711

Rectangle

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



58.4582, 59.7103, 73.4099



60.0557, 59.7103, 66.5007



55.0810, 59.7103, 57.2847



53.5734, 59.7103, 63.5504

Sweetspot

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



58.4599, 59.7128, 73.4112



92.0817, 96.0865, 108.3011



60.0901, 64.5893, 74.2665



19.7404, 20.6075, 23.1872



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.



58.4599, 59.7128, 73.4112



83.5918, 84.9397, 106.5970



60.5067, 60.7680, 73.5070



12.0500, 12.1672, 15.6509



8.4424, 3.5047, 38.6847



0.5880, 0.2520, 2.3370

Inverse Universe

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



61.0912, 61.1283, 70.8692



88.0207, 87.3226, 102.2991



60.2084, 66.2738, 64.8801



12.8052, 12.5736, 14.9142



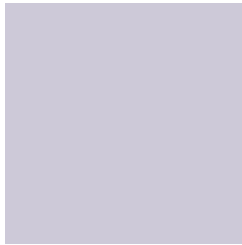
20.4836, 10.1298, 20.3826



1.2689, 0.6244, 1.4056

Previews

White Background



This preview shows how the XYZ color 58.4582, 59.7103, 73.4099 looks on a white background.

Color Contrast Check

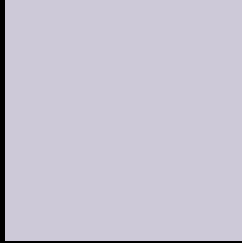
Large Text (above 18pt) WCAG AA × Fail

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 58.4582, 59.7103, 73.4099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

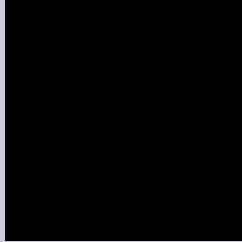
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4582, 59.7103, 73.4099

Background



This preview shows how black text looks on a background with the XYZ color 58.4582, 59.7103, 73.4099.

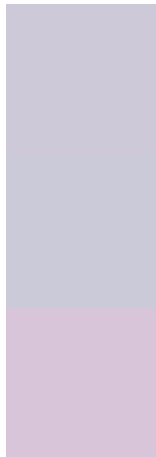


This preview shows how white text looks on a background with the XYZ color 58.4582, 59.7103,

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

58.4582, 59.7103, 73.4099

Protanopia

58.1438, 59.8954, 73.4622

Deuteranopia

60.8095, 59.5412, 73.9332



Tritanopia

58.5879, 59.7622, 74.0930

Trichromacy



Original Color

58.4582, 59.7103, 73.4099

Protanomaly

58.4170, 60.0363, 73.4750

Deuteranomaly

59.8698, 59.3950, 73.9545

Tritanomaly

58.5879, 59.7622, 74.0930

Monochromacy



Original Color

58.4582, 59.7103, 73.4099

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.6429, 60.1033, 68.2375

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4582, 59.7103, 73.4099 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(205, 201, 216) looks like.

```
.text, #text, p{  
    color:rgb(205, 201, 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(205, 201, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 216) }
```

Border

The CSS property to change the border of an element to XYZ 58.4582, 59.7103, 73.4099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

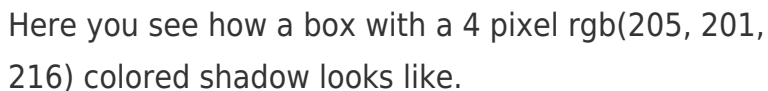
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(205, 201, 216) }
```


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

```
.border{ border-color:rgb(205, 201, 216) }
```

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



Here you see how a box with a 4 pixel `rgb(205, 201, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 201, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 201, 216);  
box-shadow:4px 4px 4px 4px rgb(205, 201,  
216) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4582, 59.7103, 73.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 216) }
```

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

```
.background{ background-color: rgb(205,  
201, 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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