

Converting Colors

XYZ(58.1198, 58.9314, 73.9749)

Have a look what the booklet for
XYZ(58.1198, 58.9314, 73.9749)
contains.

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Color

**XYZ(58.1246, 58.8357,
73.9386)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC7D9
RGB	205, 199, 217
RGB Percent	80%, 78%, 85%
CMY	0.1961, 0.2196, 0.1490
CMYK	0.06, 0.08, 0.00, 0.15
HSL	260°, 19%, 82%
HSV	260°, 8%, 85%
XYZ	58.1246, 58.8357, 73.9386
YIQ	202.8460, -2.2020, 6.8700

Conversions

Conversions Part 2

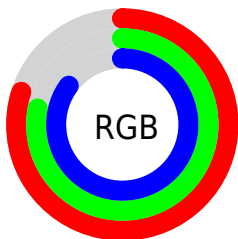
Format	Color
R _Y B	205, 199, 217
Decimal	13486041
CIE Lab	81.20, 5.43, -8.20
CIE LCh	81, 9.839, 303.504
Yxy	58.8357, 0.3045, 0.3082
Android (android.graphics.Color)	4291676121 (0xFFCDC7D9)
YUV	202.8460, 6.9779, 1.8891
Hunter-Lab	76.7044, 1.0298, -3.4590

Details

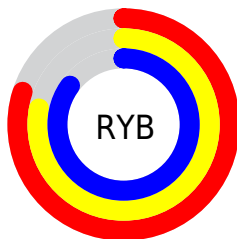
The XYZ color **58.1246, 58.8357, 73.9386** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.9878, 67.5997, 63.8167**, and the grayscale version is **56.6282, 59.5772, 64.8796**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4095, 29.4387, 38.3146** is the 20% darker color. If you saturate the color by 10%, you get **49.6753, 47.5904, 72.2143**, and if you desaturate by 10%, it is **67.6584, 71.7002, 75.9201**.

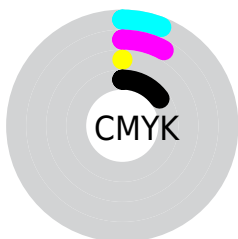
Distribution



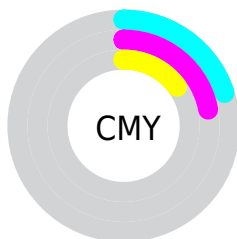
- Red (80%)
- Green (78%)
- Blue (85%)



- Red (80%)
- Yellow (78%)
- Blue (85%)



- Cyan (6%)
- Magenta (8%)
- Yellow (0%)
- Black (15%)



- Cyan (20%)
- Magenta (22%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1246, 58.8357, 73.9386 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 58.1246, 58.8357, 73.9386 by changing the saturation by 10% instead.

■ 58.1246, 58.8357,
73.9386

■ 58.1246, 58.8357,
73.9386

407.5964,
420.2928, 493.4192

■ 42.1525, 42.4809,
54.2473

101.2262,
103.1388, 126.5420

■ 29.4123, 29.4780,
38.4049

129.0864,
131.8559, 160.2912

■ 19.5388, 19.4427,
25.9928

161.6400,
165.4626, 199.5634

■ 12.1666, 11.9906,
16.5926

199.2523,
204.3432, 244.7772

■ 6.9302, 6.7373,
9.7855

242.2888,
248.8821, 296.3512

■ 3.4644, 3.2984,
5.1533

291.1147,

■ 1.4039, 1.2894,

299.4637, 354.7038

2.2772

346.0955,
356.4725, 420.2536

■ 0.2590, 0.1330,
0.7184

■ 0.0000, 0.0000,
0.0000

■ 58.1246, 58.8357,
73.9386

■ 58.1246, 58.8357,
73.9386

■ 49.6753, 47.5904,
72.2143

■ 67.6584, 71.7002,
75.9201

■ 42.2655, 37.8917,
70.7328

■ 78.3094, 86.2377,
78.1648

■ 35.8543, 29.6725,
69.4842

■ 87.1413, 96.5612,
79.6919

■ 30.3962, 22.8578,
68.4565

■ 89.5246, 97.7898,
79.8034

■ 25.8419, 17.3660,
67.6365

■ 22.1371, 13.1065,
67.0096

■ 19.2213, 9.9773,
66.5593

■ 17.0244, 7.8586,
66.2661

■ 15.4490, 6.5771,
66.1018

Harmonies

Analogous

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



56.1627, 58.8357, 75.9970



58.1246, 58.8357, 73.9386



59.5221, 58.8357, 69.2289

Triad

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



58.1246, 58.8357, 73.9386



57.6977, 58.8357, 54.4853



52.0806, 58.8357, 64.7542

Complementary

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



58.1246, 58.8357, 73.9386



61.9878, 67.5997, 63.8167

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.



52.4692, 58.8357, 59.1590



58.1246, 58.8357, 73.9386



55.6811, 58.8357, 53.4471

Square

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



58.1246, 58.8357, 73.9386



59.2715, 58.8357, 58.0335



53.7749, 58.8357, 55.1067



52.7003, 58.8357, 70.4943

Rectangle

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



58.1246, 58.8357, 73.9386



59.9281, 58.8357, 65.3471



53.7749, 58.8357, 55.1067



52.0977, 58.8357, 62.7940

Sweetspot

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



58.1263, 58.8382, 73.9399



92.2045, 96.1498, 108.3068



59.4485, 63.8915, 74.8456



19.7654, 20.6204, 23.1883



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.



58.1263, 58.8382, 73.9399



81.4667, 81.7123, 106.0860



60.5937, 60.1102, 74.0554



12.7455, 12.8269, 16.4562



9.3137, 3.9256, 40.0052



0.6930, 0.3005, 2.5959

Inverse Universe

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



60.7986, 60.3043, 70.0665



86.1097, 84.2605, 99.3195



59.5621, 66.3492, 63.7031



13.4203, 13.1972, 15.4747



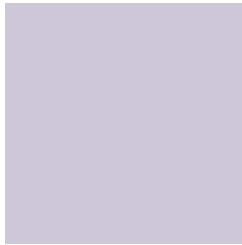
20.4525, 10.1820, 17.2948



1.3644, 0.6754, 1.3277

Previews

White Background



This preview shows how the XYZ color 58.1246, 58.8357, 73.9386 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 58.1246, 58.8357, 73.9386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

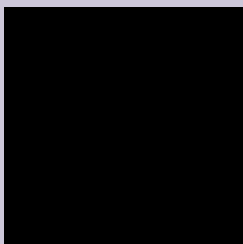
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

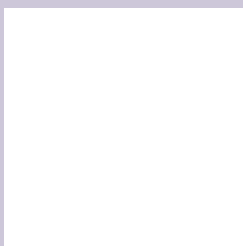
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1246, 58.8357, 73.9386

Background



This preview shows how black text looks on a background with the XYZ color 58.1246, 58.8357, 73.9386.

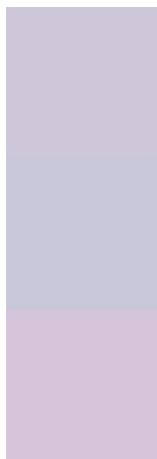


This preview shows how white text looks on a background with the XYZ color 58.1246, 58.8357,

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

58.1246, 58.8357, 73.9386

Protanopia

57.3966, 58.7880, 74.6518

Deuteranopia

60.1264, 58.8380, 74.5175



Tritanopia

57.8660, 58.7323, 72.5766

Trichromacy



Original Color

58.1246, 58.8357, 73.9386

Protanomaly

57.6663, 58.9271, 74.6644

Deuteranomaly

59.4851, 58.8433, 74.5524

Tritanomaly

57.9949, 58.7839, 73.2555

Monochromacy



Original Color

58.1246, 58.8357, 73.9386

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4075, 59.6325, 68.1590

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1246, 58.8357, 73.9386 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, 199, 217) looks like.

```
.text, #text, p{  
    color:rgb(205, 199, 217)  
}
```

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, 199, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 199, 217) }
```

Border

The CSS property to change the border of an element to XYZ 58.1246, 58.8357, 73.9386 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, 199, 217) }
```


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

```
.border{ border-color:rgb(205, 199, 217) }
```

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

Here you see how a box with a 4 pixel rgb(205, 199, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 199, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 199, 217);  
box-shadow:4px 4px 4px 4px rgb(205, 199,  
217) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1246, 58.8357, 73.9386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 199, 217) }
```

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

```
.background{ background-color: rgb(205,  
199, 217) }
```

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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