

Converting Colors

XYZ(58.7870, 57.2340, 71.0095)

Have a look what the booklet for
XYZ(58.7870, 57.2340, 71.0095)
contains.

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Color

**XYZ(58.8118, 57.2402,
70.8995)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C1D5
RGB	214, 193, 213
RGB Percent	84%, 76%, 84%
CMY	0.1608, 0.2431, 0.1647
CMYK	0.00, 0.10, 0.00, 0.16
HSL	303°, 20%, 80%
HSV	303°, 10%, 84%
XYZ	58.8118, 57.2402, 70.8995
YIQ	201.5590, 6.0960, 10.6720

Conversions

Conversions Part 2

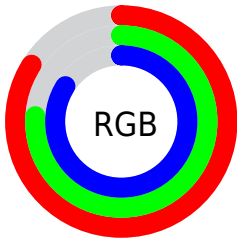
Format	Color
R _{YB}	214, 193, 213
Decimal	14074325
CIE Lab	80.31, 10.92, -7.29
CIE LCh	80, 13.129, 326.269
Yxy	57.2402, 0.3146, 0.3062
Android (android.graphics.Color)	4292264405 (0xFFD6C1D5)
YUV	201.5590, 5.6404, 10.9108
Hunter-Lab	75.6573, 6.3559, -2.6014

Details

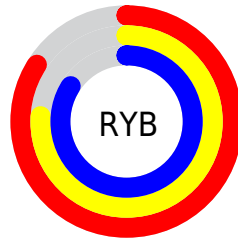
The XYZ color **58.8118, 57.2402, 70.8995** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.7788, 63.3273, 60.3256**, and the grayscale version is **55.8292, 58.7367, 63.9642**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **29.7022, 28.3048, 36.2456** is the 20% darker color. If you saturate the color by 10%, you get **54.2908, 48.4038, 68.7567**, and if you desaturate by 10%, it is **64.0215, 67.4510, 73.2773**.

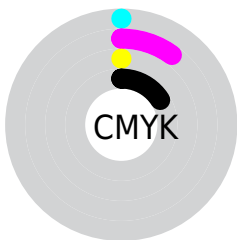
Distribution



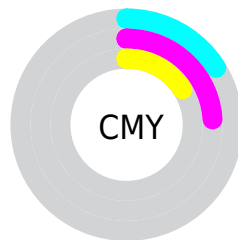
- Red (84%)
- Green (76%)
- Blue (84%)



- 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 58.8118, 57.2402, 70.8995 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 58.8118, 57.2402, 70.8995 by changing the saturation by 10% instead.

■ 58.8118, 57.2402,
70.8995

■ 58.8118, 57.2402,
70.8995

410.1094,
414.3488, 482.5762

■ 42.7074, 41.1981,
51.7789

■ 102.2203,
100.8156, 122.1837

■ 29.8491, 28.4739,
36.4478

130.2551,
129.1177, 155.1844

■ 19.8716, 18.6832,
24.4878

162.9974,
162.2752, 193.6488

■ 12.4095, 11.4416,
15.4803

200.8126,
200.6727, 237.9956

■ 7.0974, 6.3647,
9.0068

244.0661,
244.6943, 288.6431

■ 3.5699, 3.0681,
4.6488

293.1231,

■ 1.4618, 1.1674,

294.7246, 346.0101

1.9876

348.3491,
351.1480, 410.5149

■ 0.2996, 0.0348,
0.5476

■ 0.0000, 0.0000,
0.0000

■ 58.8118, 57.2402,
70.8995

■ 58.8118, 57.2402,
70.8995

■ 54.2908, 48.4038,
68.7567

■ 64.0215, 67.4510,
73.2773

■ 50.4242, 40.8757,
66.8353

■ 69.9424, 79.0836,
75.8954

■ 47.1822, 34.5957,
65.1262

■ 75.8944, 90.7773,
78.5280

■ 44.5311, 29.4959,
63.6179

■ 76.0267, 90.8303,
79.2247

42.4334, 25.5019,
62.2982

76.1598, 90.8835,
79.9258

40.8480, 22.5310,
61.1532

76.2938, 90.9371,
80.6311

39.7274, 20.4886,
60.1671

76.4286, 90.9910,
81.3408

39.0159, 19.2630,
59.3213

76.5641, 91.0452,
82.0548

38.6145, 18.6564,
58.5829

76.7006, 91.0998,
82.7732

Harmonies

Analogous

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



56.7217, 57.2402, 76.5432



58.8118, 57.2402, 70.8995



59.7202, 57.2402, 63.2918

Triad

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



58.8118, 57.2402, 70.8995



54.7417, 57.2402, 48.7064



49.9064, 57.2402, 69.0991

Complementary

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



58.8118, 57.2402, 70.8995



55.7788, 63.3273, 60.3256

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.



49.4151, 57.2402, 61.3678



58.8118, 57.2402, 70.8995



52.1524, 57.2402, 49.9862

Square

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



58.8118, 57.2402, 70.8995



57.3221, 57.2402, 50.8212



50.2242, 57.2402, 54.4710



51.5888, 57.2402, 75.4452

Rectangle

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



58.8118, 57.2402, 70.8995



59.5122, 57.2402, 58.2746



50.2242, 57.2402, 54.4710



49.5989, 57.2402, 66.5586

Sweetspot

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



58.8135, 57.2427, 70.9007



92.5993, 95.1923, 107.7939



53.3813, 54.4276, 71.3114



19.6834, 20.1070, 23.0102



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.



58.8135, 57.2427, 70.9007



85.8194, 81.9130, 104.6696



57.5591, 56.7409, 64.2955



12.9263, 12.6220, 15.5520



23.3469, 11.2751, 35.4603



1.4162, 0.6833, 2.1812

Inverse Universe

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



58.8135, 57.2427, 70.9007



85.8194, 81.9130, 104.6696



56.9640, 63.8014, 66.5672



12.9263, 12.6220, 15.5520



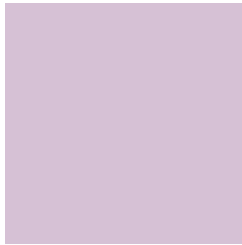
23.3469, 11.2751, 35.4603



1.4162, 0.6833, 2.1812

Previews

White Background



This preview shows how the XYZ color 58.8118, 57.2402, 70.8995 looks on a white background.

Color Contrast Check

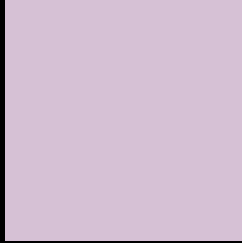
Large Text (above 18pt) WCAG AA × Fail

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 58.8118, 57.2402, 70.8995 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

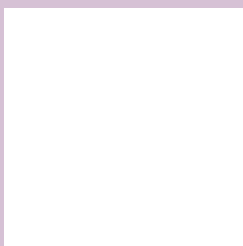
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8118, 57.2402, 70.8995

Background



This preview shows how black text looks on a background with the XYZ color 58.8118, 57.2402, 70.8995.



This preview shows how white text looks on a background with the XYZ color 58.8118, 57.2402,

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

58.8118, 57.2402, 70.8995

Protanopia

55.8775, 57.3518, 73.0907

Deuteranopia

58.4534, 57.3847, 70.9463



Tritanopia

58.2410, 57.3332, 68.3184

Trichromacy



Original Color

58.8118, 57.2402, 70.8995

Protanomaly

56.9075, 57.2235, 72.3359

Deuteranomaly

58.7426, 57.5338, 70.9599

Tritanomaly

58.3652, 57.3829, 68.9726

Monochromacy



Original Color

58.8118, 57.2402, 70.8995

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.0176, 58.4249, 66.6645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8118, 57.2402, 70.8995 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(214, 193, 213)` looks like.

```
.text, #text, p{  
    color:rgb(214, 193, 213)  
}
```

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(214, 193, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 193, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.8118, 57.2402, 70.8995 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(214, 193, 213) }
```


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

```
.border{ border-color:rgb(214, 193, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 193, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 193, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 193, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 193,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8118, 57.2402, 70.8995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 193, 213) }
```

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

```
.background{ background-color: rgb(214,  
193, 213) }
```

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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