

Converting Colors

XYZ(59.0403, 57.8856, 71.2679)

Have a look what the booklet for
XYZ(59.0403, 57.8856, 71.2679)
contains.

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Color

**XYZ(58.9659, 57.9804,
71.0343)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C3D5
RGB	213, 195, 213
RGB Percent	84%, 76%, 84%
CMY	0.1647, 0.2353, 0.1647
CMYK	0.00, 0.08, 0.00, 0.16
HSL	300°, 18%, 80%
HSV	300°, 8%, 84%
XYZ	58.9659, 57.9804, 71.0343
YIQ	202.4340, 4.9500, 9.4140

Conversions

Conversions Part 2

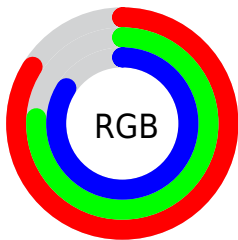
Format	Color
R _Y B	213, 195, 213
Decimal	14009301
CIE Lab	80.73, 9.51, -6.69
CIE LCh	81, 11.625, 324.881
Yxy	57.9804, 0.3137, 0.3084
Android (android.graphics.Color)	4292199381 (0xFFD5C3D5)
YUV	202.4340, 5.2090, 9.2664
Hunter-Lab	76.1449, 4.9753, -2.0093

Details

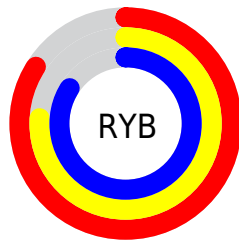
The XYZ color **58.9659, 57.9804, 71.0343** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1524, 63.1323, 60.8589**, and the grayscale version is **56.3778, 59.3138, 64.5927**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.7970, 28.7875, 36.3338** is the 20% darker color. If you saturate the color by 10%, you get **54.5304, 49.1086, 69.5564**, and if you desaturate by 10%, it is **64.0855, 68.2187, 72.7416**.

Distribution



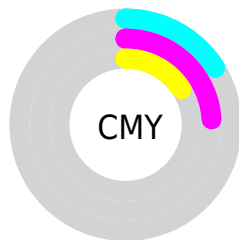
- Red (84%)
- Green (76%)
- Blue (84%)



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



- Cyan (0%)
- Magenta (8%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.9659, 57.9804, 71.0343 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 58.9659, 57.9804, 71.0343 by changing the saturation by 10% instead.

■ 58.9659, 57.9804,
71.0343

■ 58.9659, 57.9804,
71.0343

410.6716,
417.1129, 483.0602

■ 42.8319, 41.7929,
51.8882

■ 102.4430,
101.8943, 122.3775

■ 29.9472, 28.9392,
36.5343

130.5169,
130.3895, 155.4116

■ 19.9464, 19.0348,
24.5542

163.3014,
163.7561, 193.9122

■ 12.4641, 11.6954,
15.5292

201.1620,
202.3784, 238.2977

■ 7.1350, 6.5366,
9.0409

244.4639,
246.6408, 288.9867

■ 3.5938, 3.1741,
4.6707

293.5726,

■ 1.4750, 1.2233,

296.9278, 346.3978

2.0000

348.8534,
353.6237, 410.9494

■ 0.3087, 0.0806,
0.5553

■ 0.0000, 0.0000,
0.0000

■ 58.9659, 57.9804,
71.0343

■ 58.9659, 57.9804,
71.0343

■ 54.5304, 49.1086,
69.5564

■ 64.0855, 68.2187,
72.7416

■ 50.7454, 41.5385,
68.2947

■ 69.9111, 79.8699,
74.6835

■ 47.5817, 35.2112,
67.2400

■ 75.2114, 90.4705,
76.4504

■ 45.0062, 30.0602,
66.3815

■ 75.2114, 90.4705,
76.4505

42.9826, 26.0130,
65.7069

75.2115, 90.4705,
76.4505

41.4706, 22.9891,
65.2028

75.2115, 90.4705,
76.4506

40.4245, 20.8970,
64.8540

75.2115, 90.4705,
76.4507

39.7905, 19.6289,
64.6426

75.2115, 90.4706,
76.4508

39.4871, 19.0222,
64.5414

75.2115, 90.4706,
76.4509

Harmonies

Analogous

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



57.0710, 57.9804, 75.8809



58.9659, 57.9804, 71.0343



59.8287, 57.9804, 64.3161

Triad

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



58.9659, 57.9804, 71.0343



55.5210, 57.9804, 50.8732



51.0316, 57.9804, 68.8499

Complementary

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



58.9659, 57.9804, 71.0343



56.1524, 63.1323, 60.8589

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.



50.6436, 57.9804, 61.9601



58.9659, 57.9804, 71.0343



53.1918, 57.9804, 51.8955

Square

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



58.9659, 57.9804, 71.0343



57.8033, 57.9804, 52.9361



51.4234, 57.9804, 55.8364



52.4990, 57.9804, 74.5570

Rectangle

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



58.9659, 57.9804, 71.0343



59.6850, 57.9804, 59.8007



51.4234, 57.9804, 55.8364



50.7724, 57.9804, 66.5823

Sweetspot

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



58.9676, 57.9829, 71.0356



92.6579, 95.2158, 108.1026



54.0336, 55.4393, 70.8047



19.6992, 20.1134, 23.0940



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.



58.9676, 57.9829, 71.0356



87.4478, 84.7957, 106.3658



57.8566, 57.5385, 65.1854



12.9531, 12.6327, 15.6932



24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Inverse Universe

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



58.9676, 57.9829, 71.0356



87.4478, 84.7957, 106.3658



57.2010, 63.5517, 66.3806



12.9531, 12.6327, 15.6932



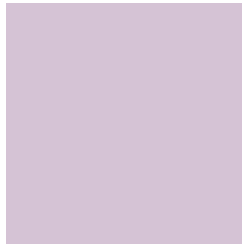
24.0982, 11.5756, 39.4169



1.4535, 0.6982, 2.3774

Previews

White Background



This preview shows how the XYZ color 58.9659, 57.9804, 71.0343 looks on a white background.

Color Contrast Check

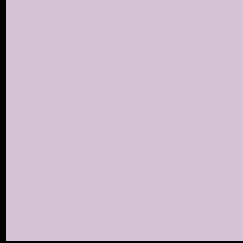
Large Text (above 18pt) WCAG AA × Fail

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 58.9659, 57.9804, 71.0343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

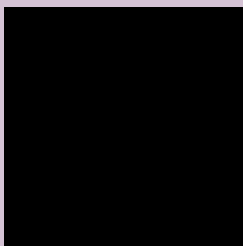
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.9659, 57.9804, 71.0343

Background



This preview shows how black text looks on a background with the XYZ color 58.9659, 57.9804, 71.0343.



This preview shows how white text looks on a background with the XYZ color 58.9659, 57.9804,

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

58.9659, 57.9804, 71.0343

Protanopia

56.6375, 58.0841, 73.1920

Deuteranopia

59.2569, 58.1305, 71.0479



Tritanopia

58.7136, 57.8795, 69.7053

Trichromacy



Original Color

58.9659, 57.9804, 71.0343

Protanomaly

57.6367, 58.2736, 72.5001

Deuteranomaly

59.2569, 58.1305, 71.0479

Tritanomaly

58.8393, 57.9298, 70.3678

Monochromacy



Original Color

58.9659, 57.9804, 71.0343

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 58.9659, 57.9804, 71.0343 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(213, 195, 213)` looks like.

```
.text, #text, p{  
    color:rgb(213, 195, 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(213, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 58.9659, 57.9804, 71.0343 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(213, 195, 213) }
```


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

```
.border{ border-color:rgb(213, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(213, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 58.9659, 57.9804, 71.0343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 195, 213) }
```

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

```
.background{ background-color: rgb(213,  
195, 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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