

Converting Colors

XYZ(58.9250, 57.9783, 69.0741)

Have a look what the booklet for
XYZ(58.9250, 57.9783, 69.0741)
contains.

XYZ(58.8795, 57.9795, 69.0606)	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(58.8795, 57.9795,
69.0606)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C3D2
RGB	214, 195, 210
RGB Percent	84%, 76%, 82%
CMY	0.1608, 0.2353, 0.1765
CMYK	0.00, 0.09, 0.02, 0.16
HSL	313°, 19%, 80%
HSV	313°, 9%, 84%
XYZ	58.8795, 57.9795, 69.0606
YIQ	202.3910, 6.5090, 8.6930

Conversions

Conversions Part 2

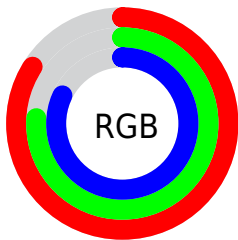
Format	Color
R_{YB}	214, 195, 210
Decimal	14074834
CIE _{Lab}	80.73, 9.30, -5.07
CIE _{LCh}	81, 10.593, 331.424
Yxy	57.9795, 0.3167, 0.3119
Android (android.graphics.Color)	4292264914 (0xFFD6C3D2)
YUV	202.3910, 3.7512, 10.1811
Hunter-Lab	76.1443, 4.7749, -0.4733

Details

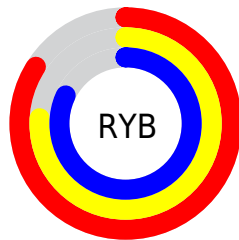
The XYZ color **58.8795, 57.9795, 69.0606** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8633, 63.8203, 63.3575**, and the grayscale version is **56.3590, 59.2941, 64.5713**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.8237, 28.8210, 35.4436** is the 20% darker color. If you saturate the color by 10%, you get **53.8711, 48.8477, 64.6606**, and if you desaturate by 10%, it is **64.5943, 68.4970, 73.7754**.

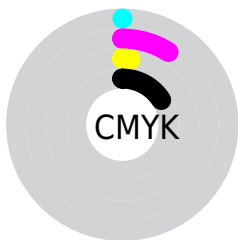
Distribution



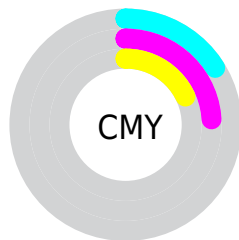
- Red (84%)
- Green (76%)
- Blue (82%)



- Red (84%)
- Yellow (76%)
- Blue (82%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8795, 57.9795, 69.0606 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 58.8795, 57.9795, 69.0606 by changing the saturation by 10% instead.

■ 58.8795, 57.9795,
69.0606

■ 58.8795, 57.9795,
69.0606

410.3564,
417.1095, 475.9444

■ 42.7621, 41.7922,
50.2890

□ 102.3181,
101.8930, 119.5366

■ 29.8922, 28.9386,
35.2703

130.3701,
130.3880, 152.0782

■ 19.9045, 19.0344,
23.5859

163.1310,
163.7543, 190.0467

■ 12.4335, 11.6951,
14.8174

200.9661,
202.3763, 233.8609

■ 7.1139, 6.5364,
8.5461

244.2409,
246.6384, 283.9392

■ 3.5804, 3.1739,
4.3536

293.3206,

■ 1.4676, 1.2232,

296.9251, 340.7002

1.8213

348.5707,
353.6207, 404.5624

■ 0.3036, 0.0805,
0.4419

■ 0.0000, 0.0000,
0.0000

■ 58.8795, 57.9795,
69.0606

■ 58.8795, 57.9795,
69.0606

■ 53.8711, 48.8477,
64.6606

■ 64.5943, 68.4970,
73.7754

■ 49.5347, 41.0359,
60.5614

■ 71.0378, 80.4473,
78.8110

■ 45.8409, 34.4840,
56.7530

■ 76.8814, 91.1721,
83.7260

■ 42.7556, 29.1249,
53.2237

■ 77.4991, 91.4192,
86.9788

40.2421, 24.8845,
49.9603

78.1332, 91.6728,
90.3175

38.2591, 21.6811,
46.9485

78.7836, 91.9330,
93.7428

36.7601, 19.4215,
44.1721

79.4506, 92.1998,
97.2552

35.6898, 17.9957,
41.6121

80.1343, 92.4733,
100.8554

34.9613, 17.2298,
39.2387

80.8348, 92.7535,
104.5439

Harmonies

Analogous

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



57.3269, 57.9795, 73.9618



58.8795, 57.9795, 69.0606



59.4145, 57.9795, 62.8313

Triad

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



58.8795, 57.9795, 69.0606



55.0035, 57.9795, 51.8511



51.6005, 57.9795, 69.6118

Complementary

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



58.8795, 57.9795, 69.0606



56.8633, 63.8203, 63.3575

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.



51.0143, 57.9795, 63.4293



58.8795, 57.9795, 69.0606



52.9467, 57.9795, 53.4107

Square

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



58.8795, 57.9795, 69.0606



57.1415, 57.9795, 53.1437



51.5007, 57.9795, 57.5487



53.1229, 57.9795, 74.2945

Rectangle

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



58.8795, 57.9795, 69.0606



59.1112, 57.9795, 58.8369



51.5007, 57.9795, 57.5487



51.2893, 57.9795, 67.6267

Sweetspot

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



58.8812, 57.9820, 69.0619



92.3996, 95.1125, 106.7424



55.1553, 56.0029, 71.5218



19.6293, 20.0854, 22.7254



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.



58.8812, 57.9820, 69.0619



85.8089, 83.0162, 101.2002



57.7560, 57.5319, 63.1366



12.8358, 12.5858, 15.0756



21.1263, 10.3868, 23.7667



1.3029, 0.6380, 1.5847

Inverse Universe

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



58.8812, 57.9820, 69.0619



85.8089, 83.0162, 101.2002



57.9763, 64.2655, 69.2186



12.8358, 12.5858, 15.0756



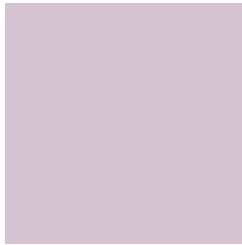
21.1263, 10.3868, 23.7667



1.3029, 0.6380, 1.5847

Previews

White Background



This preview shows how the XYZ color 58.8795, 57.9795, 69.0606 looks on a white background.

Color Contrast Check

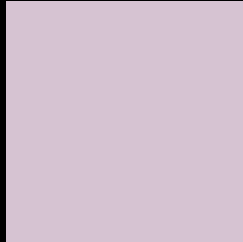
Large Text (above 18pt) WCAG AA × Fail

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 58.8795, 57.9795, 69.0606 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

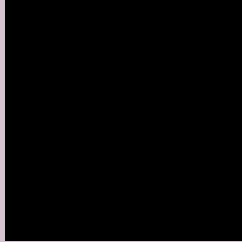
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8795, 57.9795, 69.0606

Background



This preview shows how black text looks on a background with the XYZ color 58.8795, 57.9795, 69.0606.



This preview shows how white text looks on a background with the XYZ color 58.8795, 57.9795,

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

58.8795, 57.9795, 69.0606

Protanopia

56.2531, 57.9303, 71.1676

Deuteranopia

58.9490, 57.6838, 68.9999



Tritanopia

58.8795, 57.9795, 69.0606

Trichromacy



Original Color

58.8795, 57.9795, 69.0606

Protanomaly

57.2546, 58.1208, 70.4881

Deuteranomaly

58.9490, 57.6838, 68.9999

Tritanomaly

58.8795, 57.9795, 69.0606

Monochromacy



Original Color

58.8795, 57.9795, 69.0606

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8965, 58.3764, 66.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8795, 57.9795, 69.0606 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, 195, 210)` looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 210)  
}
```

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, 195, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.8795, 57.9795, 69.0606 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, 195, 210) }
```


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

```
.border{ border-color:rgb(214, 195, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 210);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8795, 57.9795, 69.0606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 210) }
```

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

```
.background{ background-color: rgb(214,  
195, 210) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor