

Converting Colors

XYZ(58.8823, 59.5081, 76.7894)

Have a look what the booklet for
XYZ(58.8823, 59.5081, 76.7894)
contains.

XYZ(58.8823, 59.5081, 76.7894)	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(58.8823, 59.5081,
76.7894)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC8DD
RGB	205, 200, 221
RGB Percent	80%, 78%, 87%
CMY	0.1961, 0.2157, 0.1333
CMYK	0.07, 0.10, 0.00, 0.13
HSL	254°, 24%, 83%
HSV	254°, 10%, 87%
XYZ	58.8823, 59.5081, 76.7894
YIQ	203.8890, -3.7610, 7.5910

Conversions

Conversions Part 2

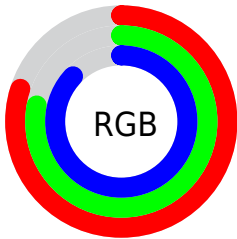
Format	Color
R_{YB}	205, 200, 221
Decimal	13486301
CIE _{Lab}	81.57, 5.68, -9.80
CIE _{LCh}	82, 11.325, 300.086
Yxy	59.5081, 0.3017, 0.3049
Android (android.graphics.Color)	4291676381 (0xFFCDC8DD)
YUV	203.8890, 8.4357, 0.9743
Hunter-Lab	77.1415, 1.2519, -5.0203

Details

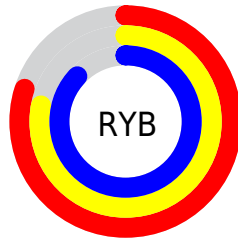
The XYZ color **58.8823, 59.5081, 76.7894** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6027, 70.4835, 64.8461**, and the grayscale version is **57.2760, 60.2588, 65.6218**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9243, 29.8903, 40.2686** is the 20% darker color. If you saturate the color by 10%, you get **49.7317, 47.7353, 75.0002**, and if you desaturate by 10%, it is **69.2763, 73.0234, 78.8512**.

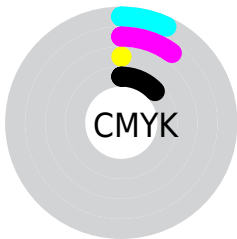
Distribution



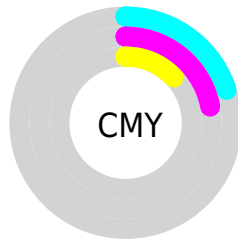
- Red (80%)
- Green (78%)
- Blue (87%)



- Red (80%)
- Yellow (78%)
- Blue (87%)



- Cyan (7%)
- Magenta (10%)
- Yellow (0%)
- Black (13%)



- Cyan (20%)
- Magenta (22%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8823, 59.5081, 76.7894 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 58.8823, 59.5081, 76.7894 by changing the saturation by 10% instead.

■ 58.8823, 59.5081,
76.7894

■ 58.8823, 59.5081,
76.7894

410.3667,
422.7823, 503.4643

■ 42.7644, 43.0223,
56.5695

102.3222,
104.1158, 130.6125

■ 29.8940, 29.9026,
40.2527

130.3749,
133.0064, 165.0527

■ 19.9058, 19.7647,
27.4203

163.1365,
166.8008, 205.0701

■ 12.4345, 12.2241,
17.6539

200.9725,
205.8833, 251.0833

■ 7.1146, 6.8965,
10.5349

244.2481,
250.6382, 303.5108

■ 3.5808, 3.3974,
5.6448

293.3288,

■ 1.4678, 1.3426,

301.4501, 362.7711

2.5651

348.5799,
358.7034, 429.2827

■ 0.3038, 0.1738,
0.8743

■ 0.0000, 0.0000,
0.0000

■ 58.8823, 59.5081,
76.7894

■ 58.8823, 59.5081,
76.7894

■ 49.7317, 47.7353,
75.0002

■ 69.2763, 73.0234,
78.8512

■ 41.7718, 37.6260,
73.4685

■ 80.9530, 88.3407,
81.1923

■ 34.9539, 29.1065,
72.1834

■ 90.0513, 98.0005,
82.5773

■ 29.2240, 22.0945,
71.1319

■ 24.5232, 16.5001,
70.2999

■ 20.7871, 12.2238,
69.6714

■ 17.9432, 9.1527,
69.2285

■ 15.9080, 7.1540,
68.9500

■ 14.5548, 6.0134,
68.8011

Harmonies

Analogous

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



56.5676, 59.5081, 78.7808



58.8823, 59.5081, 76.7894



60.6143, 59.5081, 71.5416

Triad

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



58.8823, 59.5081, 76.7894



58.8700, 59.5081, 54.1006



52.1134, 59.5081, 64.8140

Complementary

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



58.8823, 59.5081, 76.7894



64.6027, 70.4835, 64.8461

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.



52.6919, 59.5081, 58.4850



58.8823, 59.5081, 76.7894



56.5538, 59.5081, 52.5695

Square

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



58.8823, 59.5081, 76.7894



60.6071, 59.5081, 58.4531



54.3009, 59.5081, 54.1181



52.6985, 59.5081, 71.5781

Rectangle

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



58.8823, 59.5081, 76.7894



61.1821, 59.5081, 67.0733



54.3009, 59.5081, 54.1181



52.1780, 59.5081, 62.5673

Sweetspot

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



58.8841, 59.5106, 76.7907



90.5457, 94.1269, 108.0038



61.4540, 66.6646, 78.0361



19.1287, 19.8193, 23.0673



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.



58.8841, 59.5106, 76.7907



79.3145, 79.5601, 105.7840



61.8492, 61.0392, 76.9295



12.6274, 12.7660, 16.4507



8.5069, 3.5097, 39.9675



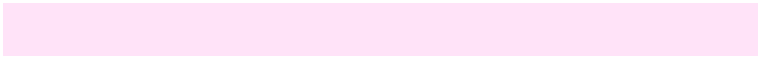
0.6282, 0.2671, 2.5929

Inverse Universe

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



62.8697, 61.6411, 73.5527



85.6890, 82.9682, 100.5687



61.6264, 68.9491, 64.7068



13.4750, 13.2191, 15.7623



21.4958, 10.5994, 22.7889



1.4252, 0.6997, 1.6481

Previews

White Background



This preview shows how the XYZ color 58.8823, 59.5081, 76.7894 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 58.8823, 59.5081, 76.7894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

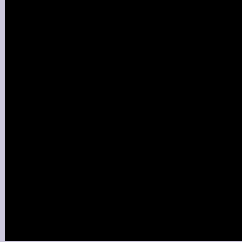
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8823, 59.5081, 76.7894

Background



This preview shows how black text looks on a background with the XYZ color 58.8823, 59.5081, 76.7894.



This preview shows how white text looks on a background with the XYZ color 58.8823, 59.5081,

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

58.8823, 59.5081, 76.7894

Protanopia

58.1589, 59.4647, 77.5198

Deuteranopia

60.8826, 59.5026, 77.3835



Tritanopia

58.3129, 59.6204, 74.0801

Trichromacy



Original Color

58.8823, 59.5081, 76.7894

Protanomaly

58.4286, 59.6038, 77.5324

Deuteranomaly

60.2429, 59.5110, 77.4189

Tritanomaly

58.4434, 59.6726, 74.7673

Monochromacy



Original Color

58.8823, 59.5081, 76.7894

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.8906, 60.2024, 69.5418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8823, 59.5081, 76.7894 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, 200, 221)` looks like.

```
.text, #text, p{  
    color:rgb(205, 200, 221)  
}
```

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, 200, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 200, 221) }
```

Border

The CSS property to change the border of an element to XYZ 58.8823, 59.5081, 76.7894 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, 200, 221) }
```


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

```
.border{ border-color:rgb(205, 200, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 200, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 200, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 200, 221);  
box-shadow:4px 4px 4px 4px rgb(205, 200,  
221) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8823, 59.5081, 76.7894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 200, 221) }
```

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

```
.background{ background-color: rgb(205,  
200, 221) }
```

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