

Converting Colors

XYZ(51.2141, 52.9431, 58.1574)

Have a look what the booklet for
XYZ(51.2141, 52.9431, 58.1574)
contains.

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Color

**XYZ(51.2824, 52.9822,
57.9758)**

Conversions

Conversions Part 1

Format	Color
Hex	C5BFC1
RGB	197, 191, 193
RGB Percent	77%, 75%, 76%
CMY	0.2274, 0.2510, 0.2431
CMYK	0.00, 0.03, 0.02, 0.23
HSL	340°, 5%, 76%
HSV	340°, 3%, 77%
XYZ	51.2824, 52.9822, 57.9758
YIQ	193.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

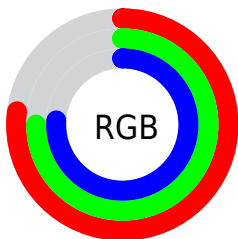
Format	Color
RYB	197, 191, 193
Decimal	12959681
CIELab	77.86, 2.46, -0.27
CIElCh	78, 2.475, 353.782
Yxy	52.9822, 0.3161, 0.3266
Android (android.graphics.Color)	4291149761 (0xFFC5BFC1)
YUV	193.0220, -0.0108, 3.4887
Hunter-Lab	72.7889, -1.6208, 3.7282

Details

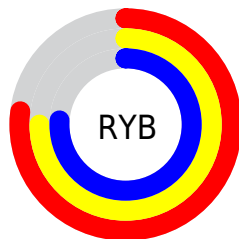
The XYZ color **51.2824, 52.9822, 57.9758** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3044, 54.9504, 59.5349**, and the grayscale version is **50.7016, 53.3421, 58.0895**.

A 20% lighter version of the original color is **91.2327, 94.4319, 103.0412**, and **25.1498, 25.9100, 28.4865** is the 20% darker color. If you saturate the color by 10%, you get **45.8708, 44.4011, 49.2582**, and if you desaturate by 10%, it is **57.4051, 62.7757, 67.5744**.

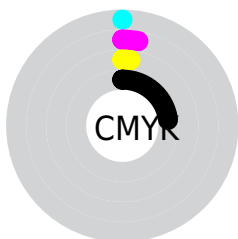
Distribution



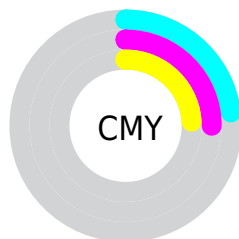
- Red (77%)
- Green (75%)
- Blue (76%)



- Red (77%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (23%)



- Cyan (23%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2824, 52.9822, 57.9758 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 51.2824, 52.9822, 57.9758 by changing the saturation by 10% instead.

■ 51.2824, 52.9822,
57.9758

■ 51.2824, 52.9822,
57.9758

382.0296,
398.2168, 434.6915

■ 36.6554, 37.7886,
41.3746

■ 91.2526, 94.5782,
103.4020

■ 25.1132, 25.8186,
28.2900

117.3264,
121.7493, 133.0642

■ 16.2906, 16.6880,
18.3035

147.9466,
153.6817, 167.9171

■ 9.8222, 10.0123,
10.9964

183.4784,
190.7598, 208.3792

■ 5.3426, 5.4071,
5.9503

224.2873,
233.3680, 254.8692

■ 2.4864, 2.4881,
2.7466

270.7385,

■ 0.8884, 0.8706,

281.8906, 307.8056

0.9667

323.1975,
336.7121, 367.6068

■ 0.0000, 0.0000,
0.0000

■ 51.2824, 52.9822,
57.9758

■ 51.2824, 52.9822,
57.9758

■ 45.8708, 44.4011,
49.2582

■ 57.4051, 62.7757,
67.5744

■ 41.1396, 36.9785,
41.3929

■ 64.2594, 73.8192,
78.0749

■ 37.0623, 30.6662,
34.3542

■ 71.8703, 86.1574,
89.5018

■ 33.6090, 25.4104,
28.1141

■ 75.3540, 90.0176,
100.2421

■ 30.7474, 21.1525,
22.6428

■ 76.8363, 90.6105,
108.0476

■ 28.4422, 17.8283,
17.9086

■ 26.6539, 15.3661,
13.8772

■ 25.3377, 13.6833,
10.5112

■ 24.4403, 12.6810,
7.7686

Harmonies

Analogous

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



51.1073, 52.9822, 59.2668



51.2824, 52.9822, 57.9758



51.2085, 52.9822, 56.6278

Triad

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



51.2824, 52.9822, 57.9758



49.9862, 52.9822, 55.3001



49.8139, 52.9822, 59.8506

Complementary

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



51.2824, 52.9822, 57.9758



51.3044, 54.9504, 59.5349

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.



49.5169, 52.9822, 58.7626



51.2824, 52.9822, 57.9758



49.6160, 52.9822, 56.1387

Square

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



51.2824, 52.9822, 57.9758



50.4582, 52.9822, 55.0970



49.4448, 52.9822, 57.4024



50.2579, 52.9822, 60.3602

Rectangle

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



51.2824, 52.9822, 57.9758



51.0282, 52.9822, 55.8764



49.4448, 52.9822, 57.4024



49.6936, 52.9822, 59.5395

Sweetspot

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



51.2839, 52.9845, 57.9769



93.9692, 98.2747, 107.1947



51.2163, 52.8974, 60.3348



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



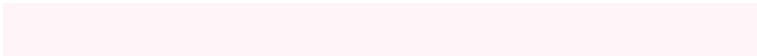
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



51.2839, 52.9845, 57.9769



90.8057, 93.2334, 102.1765



51.2813, 53.3334, 56.8845



11.3577, 11.6156, 12.7419



15.8191, 8.0772, 4.2572



0.7828, 0.3960, 0.3794

Inverse Universe

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



51.2839, 52.9845, 57.9769



90.8057, 93.2334, 102.1765



51.3056, 54.5889, 60.6566



11.3577, 11.6156, 12.7419



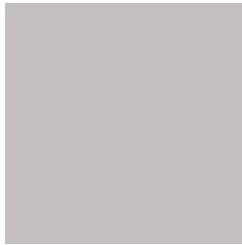
15.8191, 8.0772, 4.2572



0.7828, 0.3960, 0.3794

Previews

White Background



This preview shows how the XYZ color 51.2824, 52.9822, 57.9758 looks on a white background.

Color Contrast Check

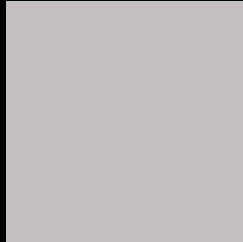
Large Text (above 18pt) WCAG AA × Fail

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 51.2824, 52.9822, 57.9758 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

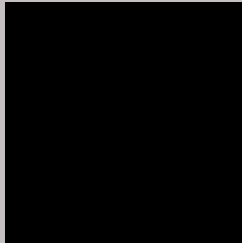
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

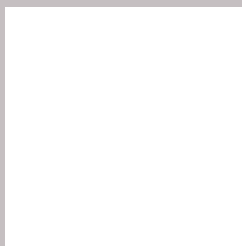
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2824, 52.9822, 57.9758

Background



This preview shows how black text looks on a background with the XYZ color 51.2824, 52.9822, 57.9758.

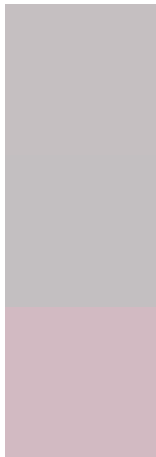


This preview shows how white text looks on a background with the XYZ color 51.2824, 52.9822,

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

51.2824, 52.9822, 57.9758

Protanopia

50.7621, 52.7140, 57.9514

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

52.6499, 52.8969, 64.5619

Trichromacy



Original Color

51.2824, 52.9822, 57.9758

Protanomaly

51.0214, 52.8476, 57.9636

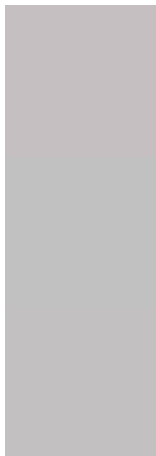
Deuteranomaly

52.8977, 52.8406, 58.4502

Tritanomaly

52.1275, 53.0028, 62.1267

Monochromacy



Original Color

51.2824, 52.9822, 57.9758

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.7234, 53.0189, 58.0123

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2824, 52.9822, 57.9758 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(197, 191, 193)` looks like.

```
.text, #text, p{  
    color:rgb(197, 191, 193)  
}
```

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(197, 191, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 191, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.2824, 52.9822, 57.9758 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(197, 191, 193) }
```


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

```
.border{ border-color:rgb(197, 191, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 191, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 191, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 191, 193);  
box-shadow:4px 4px 4px 4px rgb(197, 191,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2824, 52.9822, 57.9758 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 191, 193) }
```

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

```
.background{ background-color: rgb(197,  
191, 193) }
```

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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