

Converting Colors

XYZ(51.3965, 53.5071, 57.9246)

Have a look what the booklet for
XYZ(51.3965, 53.5071, 57.9246)
contains.

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Color

**XYZ(51.2402, 53.2853,
58.0365)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C0C1
RGB	196, 192, 193
RGB Percent	77%, 75%, 76%
CMY	0.2314, 0.2470, 0.2431
CMYK	0.00, 0.02, 0.02, 0.23
HSL	345°, 3%, 76%
HSV	345°, 2%, 77%
XYZ	51.2402, 53.2853, 58.0365
YIQ	193.3100, 2.0630, 1.1590

Conversions

Conversions Part 2

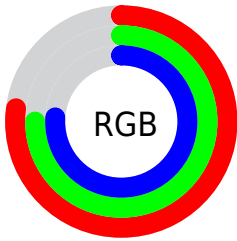
Format	Color
RYB	196, 192, 193
Decimal	12894401
CIELab	78.04, 1.58, -0.02
CIELCh	78, 1.579, 359.396
Yxy	53.2853, 0.3152, 0.3278
Android (android.graphics.Color)	4291084481 (0xFFC4C0C1)
YUV	193.3100, -0.1528, 2.3591
Hunter-Lab	72.9968, -2.4460, 3.9589

Details

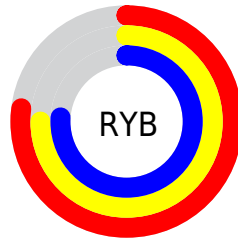
The XYZ color **51.2402, 53.2853, 58.0365** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.3305, 54.6278, 59.4713**, and the grayscale version is **50.8722, 53.5215, 58.2849**.

A 20% lighter version of the original color is **91.1743, 94.8570, 103.1264**, and **25.1216, 26.1095, 28.5265** is the 20% darker color. If you saturate the color by 10%, you get **45.6598, 44.6212, 48.4779**, and if you desaturate by 10%, it is **57.5600, 63.1656, 68.6485**.

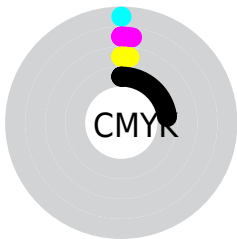
Distribution



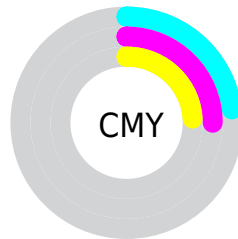
- Red (77%)
- Green (75%)
- Blue (76%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.2402, 53.2853, 58.0365 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 51.2402, 53.2853, 58.0365 by changing the saturation by 10% instead.

■ 51.2402, 53.2853,
58.0365

■ 51.2402, 53.2853,
58.0365

381.8686,
399.3787, 434.9240

■ 36.6216, 38.0306,
41.4231

■ 91.1906, 95.0241,
103.4913

■ 25.0870, 26.0064,
28.3276

117.2532,
122.2769, 133.1698

■ 16.2710, 16.8284,
18.3316

147.8611,
154.2978, 168.0404

■ 9.8082, 10.1122,
11.0164

183.3797,
191.4713, 208.5217

■ 5.3332, 5.4734,
5.9636

224.1744,
234.1818, 255.0321

■ 2.4808, 2.5276,
2.7545

270.6106,

■ 0.8856, 0.8904,

282.8136, 307.9903

0.9707

323.0535,
337.7511, 367.8147

■ 0.0000, 0.0000,
0.0000

■ 51.2402, 53.2853,
58.0365

■ 51.2402, 53.2853,
58.0365

■ 45.6598, 44.6212,
48.4779

■ 57.5600, 63.1656,
68.6485

■ 40.7871, 37.1195,
39.9367

■ 64.6406, 74.2994,
80.3415

■ 36.5947, 30.7326,
32.3800

■ 72.5079, 86.7311,
93.1464

■ 33.0516, 25.4069,
25.7716

■ 76.0724, 90.2748,
105.3874

■ 30.1245, 21.0845,
20.0732

■ 76.5752, 90.4759,
108.0354

■ 27.7768, 17.7019,
15.2437

■ 25.9682, 15.1881,
11.2388

■ 24.6526, 13.4621,
8.0099

■ 23.7760, 12.4274,
5.5026

Harmonies

Analogous

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



51.1572, 53.2853, 58.8858



51.2402, 53.2853, 58.0365



51.1635, 53.2853, 57.1906

Triad

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



51.2402, 53.2853, 58.0365



50.3561, 53.2853, 56.5544



50.3454, 53.2853, 59.4898

Complementary

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



51.2402, 53.2853, 58.0365



51.3305, 54.6278, 59.4713

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.



50.1322, 53.2853, 58.8546



51.2402, 53.2853, 58.0365



50.1384, 53.2853, 57.1600

Square

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



51.2402, 53.2853, 58.0365



50.6523, 53.2853, 56.3402



50.0566, 53.2853, 58.0008



50.6398, 53.2853, 59.7301

Rectangle

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



51.2402, 53.2853, 58.0365



51.0322, 53.2853, 56.7412



50.0566, 53.2853, 58.0008



50.2619, 53.2853, 59.3151

Sweetspot

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



51.2417, 53.2876, 58.0377



93.9352, 98.2611, 107.0156



51.3208, 53.2893, 59.8062



20.1178, 21.0502, 22.9256



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.



51.2417, 53.2876, 58.0377



92.8342, 96.5450, 105.1510



51.3510, 53.6835, 57.5274



11.0938, 11.5478, 12.5771



15.0115, 7.6944, 2.7068



0.6773, 0.3439, 0.2681

Inverse Universe

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



51.2417, 53.2876, 58.0377



92.8342, 96.5450, 105.1510



51.2189, 54.2238, 59.9919



11.0938, 11.5478, 12.5771



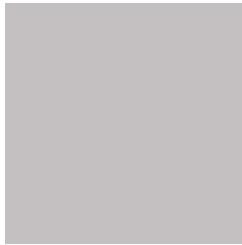
15.0115, 7.6944, 2.7068



0.6773, 0.3439, 0.2681

Previews

White Background



This preview shows how the XYZ color 51.2402, 53.2853, 58.0365 looks on a white background.

Color Contrast Check

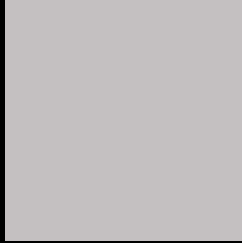
Large Text (above 18pt) WCAG AA × Fail

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 51.2402, 53.2853, 58.0365 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

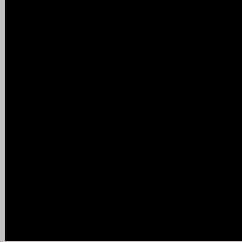
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

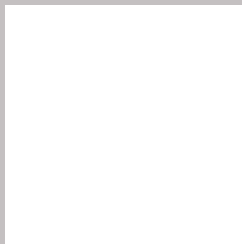
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 51.2402, 53.2853, 58.0365

Background



This preview shows how black text looks on a background with the XYZ color 51.2402, 53.2853, 58.0365.

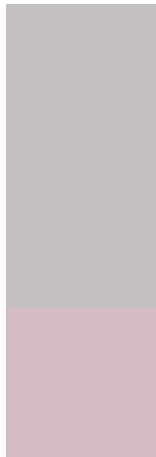


This preview shows how white text looks on a background with the XYZ color 51.2402, 53.2853,

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

51.2402, 53.2853, 58.0365

Protanopia

51.2402, 53.2853, 58.0365

Deuteranopia

54.3719, 53.2846, 58.4582



Tritanopia

52.7216, 53.2405, 65.2553

Trichromacy



Original Color

51.2402, 53.2853, 58.0365

Protanomaly

51.2402, 53.2853, 58.0365

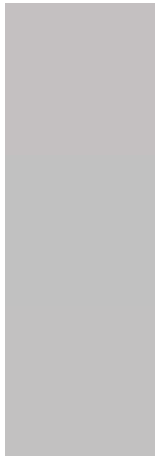
Deuteranomaly

53.3888, 53.4120, 58.5346

Tritanomaly

52.1994, 53.3490, 62.8045

Monochromacy



Original Color

51.2402, 53.2853, 58.0365

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.9437, 53.4595, 58.0858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2402, 53.2853, 58.0365 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(196, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(196, 192, 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(196, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.2402, 53.2853, 58.0365 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(196, 192, 193) }
```


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

```
.border{ border-color:rgb(196, 192, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2402, 53.2853, 58.0365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 192, 193) }
```

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

```
.background{ background-color: rgb(196,  
192, 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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