

Converting Colors

XYZ(52.0329, 53.7566, 58.1387)

Have a look what the booklet for
XYZ(52.0329, 53.7566, 58.1387)
contains.

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Color

**XYZ(52.0285, 53.6916,
58.0734)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0C1
RGB	199, 192, 193
RGB Percent	78%, 75%, 76%
CMY	0.2196, 0.2470, 0.2431
CMYK	0.00, 0.04, 0.03, 0.22
HSL	351°, 6%, 77%
HSV	351°, 4%, 78%
XYZ	52.0285, 53.6916, 58.0734
YIQ	194.2070, 3.8510, 1.7950

Conversions

Conversions Part 2

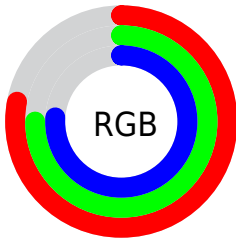
Format	Color
RYB	199, 192, 193
Decimal	13091009
CIELab	78.28, 2.63, 0.36
CIElCh	78, 2.652, 7.803
Yxy	53.6916, 0.3176, 0.3278
Android (android.graphics.Color)	4291281089 (0xFFC7C0C1)
YUV	194.2070, -0.5951, 4.2035
Hunter-Lab	73.2746, -1.4868, 4.3022

Details

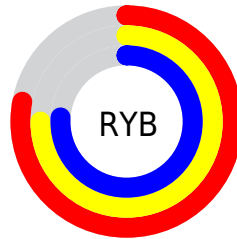
The XYZ color **52.0285, 53.6916, 58.0734** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.3567, 56.1320, 61.5040**, and the grayscale version is **51.4038, 54.0808, 58.8940**.

A 20% lighter version of the original color is **91.9063, 95.2344, 103.1606**, and **25.6433, 26.3784, 28.5509** is the 20% darker color. If you saturate the color by 10%, you get **46.1561, 44.8192, 47.2595**, and if you desaturate by 10%, it is **58.7144, 63.8381, 70.2437**.

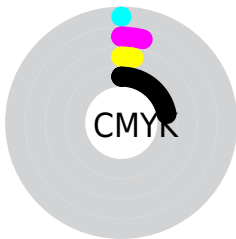
Distribution



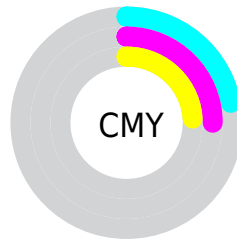
- Red (78%)
- Green (75%)
- Blue (76%)



- Red (78%)
- Yellow (75%)
- Blue (76%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (22%)



- Cyan (22%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.0285, 53.6916, 58.0734 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 52.0285, 53.6916, 58.0734 by changing the saturation by 10% instead.

■ 52.0285, 53.6916,
58.0734

■ 52.0285, 53.6916,
58.0734

384.8688,
400.9329, 435.0653

■ 37.2522, 38.3552,
41.4526

■ 92.3472, 95.6213,
103.5456

■ 25.5774, 26.2585,
28.3505

118.6204,
122.9833, 133.2340

■ 16.6387, 17.0171,
18.3487

149.4564,
155.1226, 168.1154

■ 10.0710, 10.2467,
11.0286

185.2208,
192.4237, 208.6082

■ 5.5087, 5.5628,
5.9717

226.2789,
235.2708, 255.1311

■ 2.5865, 2.5811,
2.7593

272.9960,

■ 0.9391, 0.9172,

284.0485, 308.1025

0.9731

325.7375,
339.1411, 367.9411

■ 0.0000, 0.0000,
0.0000

■ 52.0285, 53.6916,
58.0734

■ 52.0285, 53.6916,
58.0734

■ 46.1561, 44.8192,
47.2595

■ 58.7144, 63.8381,
70.2437

■ 41.0618, 37.1639,
37.7514

■ 66.2386, 75.2991,
83.8115

■ 36.7141, 30.6746,
29.5006

■ 74.6305, 88.1216,
98.8205

■ 33.0775, 25.2941,
22.4541

■ 77.3636, 90.8823,
108.0723

■ 30.1140, 20.9600,
16.5555

■ 27.7817, 17.6041,
11.7433

■ 26.0340, 15.1499,
7.9506

■ 24.8176, 13.5094,
5.1027

■ 24.0694, 12.5769,
3.1147

Harmonies

Analogous

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



51.9629, 53.6916, 59.5487



52.0285, 53.6916, 58.0734



51.8257, 53.6916, 56.7247

Triad

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



52.0285, 53.6916, 58.0734



50.4223, 53.6916, 56.2293



50.6557, 53.6916, 61.1505

Complementary

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



52.0285, 53.6916, 58.0734



52.3567, 56.1320, 61.5040

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.



50.2469, 53.6916, 60.2325



52.0285, 53.6916, 58.0734



50.1128, 53.6916, 57.3867

Square

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



52.0285, 53.6916, 58.0734



50.8967, 53.6916, 55.6718



50.0488, 53.6916, 58.8504



51.1680, 53.6916, 61.3419

Rectangle

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



52.0285, 53.6916, 58.0734



51.5664, 53.6916, 56.0730



50.0488, 53.6916, 58.8504



50.5018, 53.6916, 60.9159

Sweetspot

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



52.0300, 53.6939, 58.0746



93.8918, 98.2437, 106.7869



52.4357, 53.8241, 61.6592



20.1089, 21.0467, 22.8791



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.



52.0300, 53.6939, 58.0746



90.5054, 93.1132, 100.5951



52.4614, 54.7340, 57.6716



11.3142, 11.5983, 12.5132



15.3024, 7.8705, 1.5364



0.7450, 0.3808, 0.1803

Inverse Universe

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



52.0300, 53.6939, 58.0746



90.5054, 93.1132, 100.5951



51.9132, 55.0603, 61.9253



11.3142, 11.5983, 12.5132



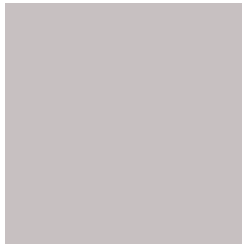
15.3024, 7.8705, 1.5364



0.7450, 0.3808, 0.1803

Previews

White Background



This preview shows how the XYZ color 52.0285, 53.6916, 58.0734 looks on a white background.

Color Contrast Check

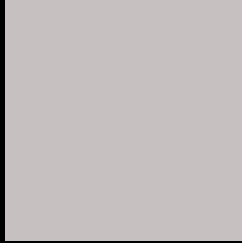
Large Text (above 18pt) WCAG AA × Fail

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 52.0285, 53.6916, 58.0734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

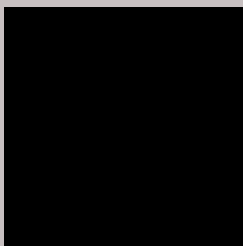
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

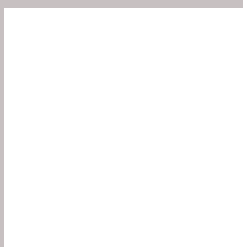
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.0285, 53.6916, 58.0734

Background



This preview shows how black text looks on a background with the XYZ color 52.0285, 53.6916, 58.0734.

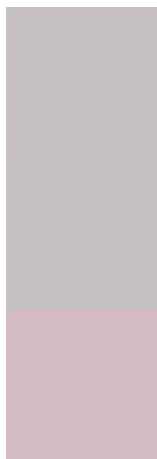


This preview shows how white text looks on a background with the XYZ color 52.0285, 53.6916,

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

52.0285, 53.6916, 58.0734

Protanopia

51.7216, 53.8605, 58.1222

Deuteranopia

54.6593, 53.4327, 58.4716



Tritanopia

53.5203, 53.6522, 65.2927

Trichromacy



Original Color

52.0285, 53.6916, 58.0734

Protanomaly

51.9843, 53.9960, 58.1345

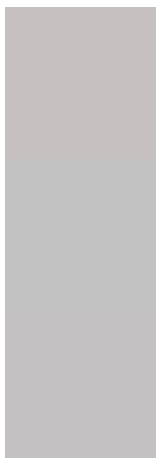
Deuteranomaly

53.6673, 53.5556, 58.5476

Tritanomaly

52.9928, 53.7580, 62.8417

Monochromacy



Original Color

52.0285, 53.6916, 58.0734

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.5725, 53.7707, 58.6996

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.0285, 53.6916, 58.0734 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(199, 192, 193) looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 192, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.0285, 53.6916, 58.0734 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(199, 192, 193) }
```


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

```
.border{ border-color:rgb(199, 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(199, 192, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 193);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.0285, 53.6916, 58.0734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 193) }
```

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

```
.background{ background-color: rgb(199,  
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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