

Converting Colors

XYZ(52.8950, 55.8571, 63.3765)

Have a look what the booklet for
XYZ(52.8950, 55.8571, 63.3765)
contains.

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Color

**XYZ(52.9848, 56.0745,
63.2892)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6C9
RGB	194, 198, 201
RGB Percent	76%, 78%, 79%
CMY	0.2392, 0.2235, 0.2118
CMYK	0.03, 0.01, 0.00, 0.21
HSL	206°, 6%, 77%
HSV	206°, 3%, 79%
XYZ	52.9848, 56.0745, 63.2892
YIQ	197.1460, -3.3470, 0.0850

Conversions

Conversions Part 2

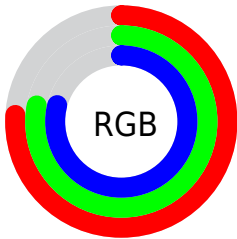
Format	Color
RYB	194, 197, 201
Decimal	12764873
CIELab	79.66, -0.81, -1.99
CIELCh	80, 2.145, 247.898
Yxy	56.0745, 0.3074, 0.3254
Android (android.graphics.Color)	4290954953 (0xFFC2C6C9)
YUV	197.1460, 1.9000, -2.7590
Hunter-Lab	74.8829, -4.7441, 2.3076

Details

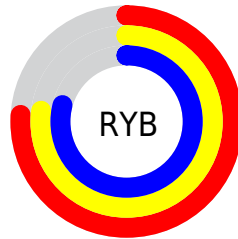
The XYZ color **52.9848, 56.0745, 63.2892** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.7914, 56.2445, 59.0609**, and the grayscale version is **53.1507, 55.9187, 60.8955**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **26.0549, 27.6286, 31.5634** is the 20% darker color. If you saturate the color by 10%, you get **46.2600, 49.7717, 62.4279**, and if you desaturate by 10%, it is **60.5224, 62.9653, 64.2228**.

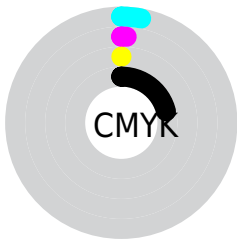
Distribution



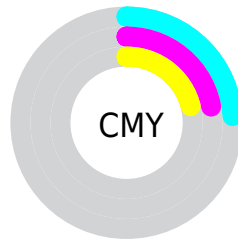
- Red (76%)
- Green (78%)
- Blue (79%)



- Red (76%)
- Yellow (77%)
- Blue (79%)



- Cyan (3%)
- Magenta (1%)
- Yellow (0%)
- Black (21%)



- Cyan (24%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9848, 56.0745, 63.2892 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 52.9848, 56.0745, 63.2892 by changing the saturation by 10% instead.

■ 52.9848, 56.0745,
63.2892

■ 52.9848, 56.0745,
63.2892

388.4886,
409.9722, 454.7551

■ 38.0181, 40.2627,
45.6327

■ 93.7477, 99.1135,
111.1762

■ 26.1740, 27.7434,
31.6095

120.2745,
127.1094, 142.2439

■ 17.0872, 18.1323,
20.8011

151.3854,
159.9355, 178.6189

■ 10.3924, 11.0450,
12.7888

187.4458,
197.9762, 220.7200

■ 5.7241, 6.0971,
7.1543

228.8209,
241.6158, 268.9656

■ 2.7171, 2.9042,
3.4789

275.8762,

■ 1.0060, 1.0819,

291.2387, 323.7743

1.3440

328.9770,
347.2294, 385.5646

■ 0.0000, 0.0000,
0.0975

■ 0.0000, 0.0000,
0.0000

■ 52.9848, 56.0745,
63.2892

■ 52.9848, 56.0745,
63.2892

■ 46.2600, 49.7717,
62.4279

■ 60.5224, 62.9653,
64.2228

■ 40.3134, 44.0317,
61.6334

■ 68.8959, 70.4541,
65.2270

■ 35.1152, 38.8379,
60.9049

■ 78.1337, 78.5596,
66.3046

■ 30.6315, 34.1700,
60.2402

■ 80.7593, 83.4301,
67.1063

■ 26.8256, 30.0060,
59.6371

■ 83.2471, 88.4058,
67.9356

■ 23.6574, 26.3224,
59.0930

■ 85.8553, 93.6222,
68.8050

■ 21.0821, 23.0927,
58.6054

■ 87.5428, 96.9971,
69.3675

■ 19.0482, 20.2872,
58.1711

■ 17.4940, 17.8709,
57.7866

Harmonies

Analogous

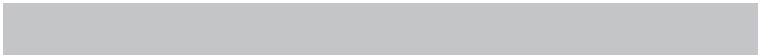
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



52.6435, 56.0745, 62.5304



52.9848, 56.0745, 63.2892



53.4115, 56.0745, 63.4455

Triad

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



52.9848, 56.0745, 63.2892



54.1252, 56.0745, 60.7289



52.7879, 56.0745, 59.1952

Complementary

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



52.9848, 56.0745, 63.2892



53.7914, 56.2445, 59.0609

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.



53.1829, 56.0745, 58.7265



52.9848, 56.0745, 63.2892



53.9561, 56.0745, 59.6041

Square

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



52.9848, 56.0745, 63.2892



54.0714, 56.0745, 61.9562



53.6107, 56.0745, 58.8752



52.5303, 56.0745, 60.1637

Rectangle

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



52.9848, 56.0745, 63.2892



53.6872, 56.0745, 63.1850



53.6107, 56.0745, 58.8752



52.9089, 56.0745, 58.9746

Sweetspot

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



52.9864, 56.0769, 63.2904



93.7708, 98.8250, 108.7406



53.2041, 57.2709, 61.0243



20.0843, 21.1650, 23.2767



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.



52.9864, 56.0769, 63.2904



90.0192, 95.3619, 108.2699



52.2135, 54.5310, 63.0328



11.2434, 11.9234, 13.6263



10.5723, 10.5385, 36.2213



0.5714, 0.6407, 1.7387

Inverse Universe

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



53.5734, 55.0793, 61.2366



91.1867, 93.3858, 104.1831



54.5768, 57.8153, 59.3227



11.4129, 11.6377, 13.0327



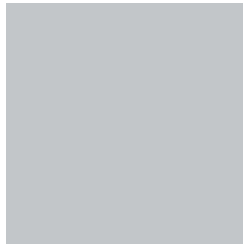
17.1357, 8.6039, 11.1906



0.8471, 0.4217, 0.7182

Previews

White Background



This preview shows how the XYZ color 52.9848, 56.0745, 63.2892 looks on a white background.

Color Contrast Check

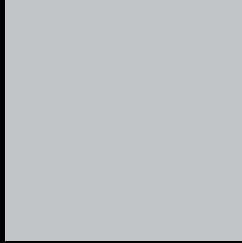
Large Text (above 18pt) WCAG AA × Fail

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 52.9848, 56.0745, 63.2892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

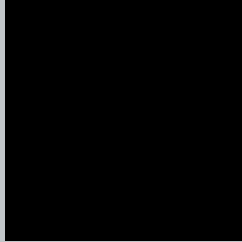
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

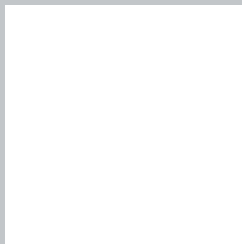
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9848, 56.0745, 63.2892

Background



This preview shows how black text looks on a background with the XYZ color 52.9848, 56.0745, 63.2892.

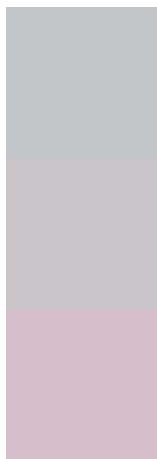


This preview shows how white text looks on a background with the XYZ color 52.9848, 56.0745,

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

52.9848, 56.0745, 63.2892

Protanopia

53.9847, 55.9293, 62.5937

Deuteranopia

57.0230, 55.8220, 63.6464



Tritanopia

54.3885, 55.9691, 70.2239

Trichromacy



Original Color

52.9848, 56.0745, 63.2892

Protanomaly

53.6803, 56.1084, 62.6443

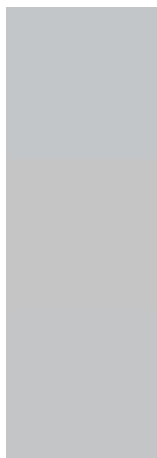
Deuteranomaly

55.6846, 56.1132, 63.7732

Tritanomaly

53.8571, 56.0887, 67.6621

Monochromacy



Original Color

52.9848, 56.0745, 63.2892

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.9242, 55.7455, 61.3966

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9848, 56.0745, 63.2892 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(194, 198, 201)` looks like.

```
.text, #text, p{  
    color:rgb(194, 198, 201)  
}
```

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(194, 198, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.9848, 56.0745, 63.2892 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(194, 198, 201) }
```


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

```
.border{ border-color:rgb(194, 198, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 198, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 201);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9848, 56.0745, 63.2892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 201) }
```

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

```
.background{ background-color: rgb(194,  
198, 201) }
```

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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