

Converting Colors

XYZ(52.7239, 57.8845, 63.3523)

Have a look what the booklet for
XYZ(52.7239, 57.8845, 63.3523)
contains.

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Color

**XYZ(52.8745, 58.0941,
63.6848)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCCC9
RGB	188, 204, 201
RGB Percent	74%, 80%, 79%
CMY	0.2627, 0.2000, 0.2118
CMYK	0.08, 0.00, 0.01, 0.20
HSL	169°, 14%, 77%
HSV	169°, 8%, 80%
XYZ	52.8745, 58.0941, 63.6848
YIQ	198.8740, -8.5730, -4.3250

Conversions

Conversions Part 2

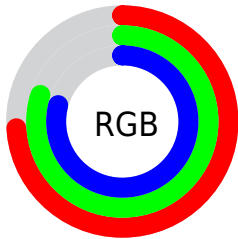
Format	Color
R _Y B	188, 197, 204
Decimal	12373193
CIE Lab	80.79, -5.98, -0.38
CIE LCh	81, 5.996, 183.609
Yxy	58.0941, 0.3027, 0.3326
Android (android.graphics.Color)	4290563273 (0xFFBCCCC9)
YUV	198.8740, 1.0481, -9.5365
Hunter-Lab	76.2195, -9.5562, 3.8142

Details

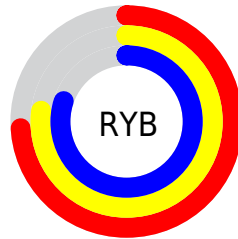
The XYZ color **52.8745, 58.0941, 63.6848** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.2911, 52.5669, 56.6833**, and the grayscale version is **54.2080, 57.0310, 62.1067**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **26.1645, 29.0702, 31.8359** is the 20% darker color. If you saturate the color by 10%, you get **47.7555, 55.5081, 61.1245**, and if you desaturate by 10%, it is **58.7185, 61.0557, 66.3401**.

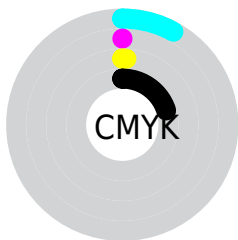
Distribution



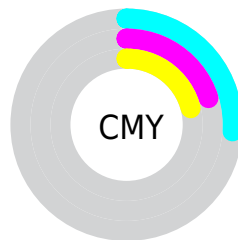
- Red (74%)
- Green (80%)
- Blue (79%)



- Red (74%)
- Yellow (77%)
- Blue (80%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (26%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.8745, 58.0941, 63.6848 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 52.8745, 58.0941, 63.6848 by changing the saturation by 10% instead.

■ 52.8745, 58.0941,
63.6848

■ 52.8745, 58.0941,
63.6848

388.0722,
417.5365, 456.2267

■ 37.9297, 41.8843,
45.9509

■ 93.5863, 102.0599,
111.7520

■ 26.1051, 29.0107,
31.8587

120.0840,
130.5846, 142.9223

■ 17.0354, 19.0889,
20.9897

151.1633,
163.9832, 179.4085

■ 10.3552, 11.7345,
12.9253

187.1896,
202.6399, 221.6291

■ 5.6991, 6.5632,
7.2470

228.5283,
246.9392, 270.0027

■ 2.7019, 3.1905,
3.5363

275.5447,

■ 0.9982, 1.2320,

297.2655, 324.9478

1.3745

328.6043,
354.0031, 386.8830

■ 0.0000, 0.0876,
0.1217

■ 0.0000, 0.0000,
0.0000

■ 52.8745, 58.0941,
63.6848

■ 52.8745, 58.0941,
63.6848

■ 47.7555, 55.5081,
61.1245

■ 58.7185, 61.0557,
66.3401

■ 43.3267, 53.2751,
58.6535

■ 65.3104, 64.4000,
69.0881

■ 39.5581, 51.3812,
56.2711

■ 72.6784, 68.1430,
71.9319

■ 36.4152, 49.8085,
53.9753

■ 75.2694, 69.4220,
74.6120

■ 33.8606, 48.5379,
51.7640

■ 75.7712, 69.6228,
77.2546

■ 31.8528, 47.5478,
49.6347

■ 76.2846, 69.8282,
79.9584

■ 30.3447, 46.8142,
47.5849

■ 76.8098, 70.0382,
82.7237

■ 29.2811, 46.3085,
45.6113

■ 77.3467, 70.2530,
85.5510

■ 28.5821, 45.9895,
43.7100

■ 77.8954, 70.4725,
88.4407

Harmonies

Analogous

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



53.1113, 58.0941, 60.2720



52.8745, 58.0941, 63.6848



53.2575, 58.0941, 67.1044

Triad

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



52.8745, 58.0941, 63.6848



56.5451, 58.0941, 69.1049



56.2817, 58.0941, 57.3411

Complementary

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



52.8745, 58.0941, 63.6848



52.2911, 52.5669, 56.6833

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.



57.2234, 58.0941, 59.5549



52.8745, 58.0941, 63.6848



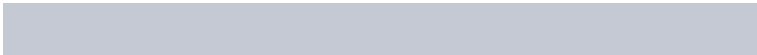
57.3770, 58.0941, 66.3341

Square

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



52.8745, 58.0941, 63.6848



55.3667, 58.0941, 70.3066



57.6271, 58.0941, 62.8263



55.0670, 58.0941, 56.6907

Rectangle

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



52.8745, 58.0941, 63.6848



53.8162, 58.0941, 68.9038



57.6271, 58.0941, 62.8263



56.6413, 58.0941, 57.9230

Sweetspot

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



52.8762, 58.0966, 63.6861



93.0448, 98.9840, 108.0038



52.2080, 57.9214, 56.0062



19.9364, 21.1973, 23.1267



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.



52.8762, 58.0966, 63.6861



86.4192, 95.6299, 104.9170



52.1094, 55.9920, 65.1907



11.4495, 12.6895, 13.9243



17.9390, 28.9209, 27.4277



0.9494, 1.5016, 1.5411

Inverse Universe

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



52.2911, 52.5669, 56.6833



85.3029, 85.0783, 91.5548



53.0067, 54.5216, 55.3078



11.2969, 11.2475, 12.0981



15.9222, 8.1795, 2.0432



0.8479, 0.4326, 0.2449

Previews

White Background



This preview shows how the XYZ color 52.8745, 58.0941, 63.6848 looks on a white background.

Color Contrast Check

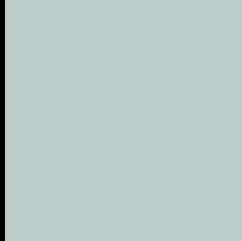
Large Text (above 18pt) WCAG AA × Fail

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 52.8745, 58.0941, 63.6848 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

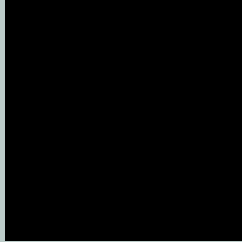
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

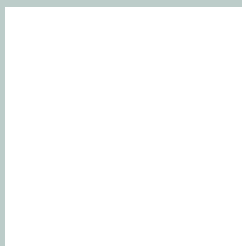
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.8745, 58.0941, 63.6848

Background



This preview shows how black text looks on a background with the XYZ color 52.8745, 58.0941, 63.6848.



This preview shows how white text looks on a background with the XYZ color 52.8745, 58.0941,

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

52.8745, 58.0941, 63.6848

Protanopia

55.5183, 57.7614, 61.6490

Deuteranopia

58.9847, 57.8008, 64.5478



Tritanopia

54.8969, 57.8594, 73.9202

Trichromacy



Original Color

52.8745, 58.0941, 63.6848

Protanomaly

54.4841, 57.9026, 62.3375

Deuteranomaly

56.5869, 57.9178, 64.0739

Tritanomaly

54.1136, 57.8914, 69.9501

Monochromacy



Original Color

52.8745, 58.0941, 63.6848

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8176, 57.5455, 62.9145

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.8745, 58.0941, 63.6848 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(188, 204, 201)` looks like.

```
.text, #text, p{  
    color:rgb(188, 204, 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(188, 204, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 204, 201) }
```

Border

The CSS property to change the border of an element to XYZ 52.8745, 58.0941, 63.6848 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(188, 204, 201) }
```


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

```
.border{ border-color:rgb(188, 204, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 204, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 204, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 204, 201);  
box-shadow:4px 4px 4px 4px rgb(188, 204,  
201) }
```

Background

The CSS property to change the background color of an element to XYZ 52.8745, 58.0941, 63.6848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 204, 201) }
```

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

```
.background{ background-color: rgb(188,  
204, 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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