

Converting Colors

XYZ(52.1779, 58.0441, 60.0917)

Have a look what the booklet for
XYZ(52.1779, 58.0441, 60.0917)
contains.

XYZ(52.1752, 58.1676, 60.1073)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(52.1752, 58.1676,
60.1073)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCDC3
RGB	187, 205, 195
RGB Percent	73%, 80%, 76%
CMY	0.2667, 0.1961, 0.2353
CMYK	0.09, 0.00, 0.05, 0.20
HSL	147°, 15%, 77%
HSV	147°, 9%, 80%
XYZ	52.1752, 58.1676, 60.1073
YIQ	198.4780, -7.5180, -6.9260

Conversions

Conversions Part 2

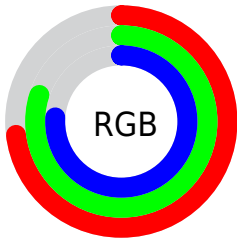
Format	Color
R _Y B	187, 199, 205
Decimal	12307907
CIE Lab	80.83, -7.98, 2.89
CIE LCh	81, 8.487, 160.124
Yxy	58.1676, 0.3061, 0.3413
Android (android.graphics.Color)	4290497987 (0xFFBBCDC3)
YUV	198.4780, -1.7147, -10.0662
Hunter-Lab	76.2677, -11.3555, 6.6604

Details

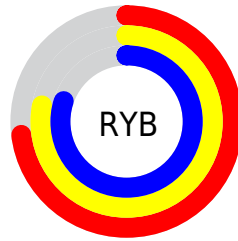
The XYZ color **52.1752, 58.1676, 60.1073** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0274, 52.5525, 60.1750**, and the grayscale version is **53.9822, 56.7935, 61.8481**.

A 20% lighter version of the original color is **90.2928, 97.6030, 106.1758**, and **25.7058, 29.1246, 29.4661** is the 20% darker color. If you saturate the color by 10%, you get **46.2745, 55.2705, 53.3631**, and if you desaturate by 10%, it is **58.8934, 61.4780, 67.4051**.

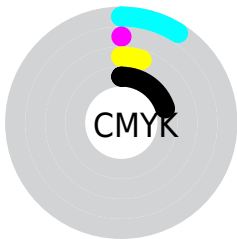
Distribution



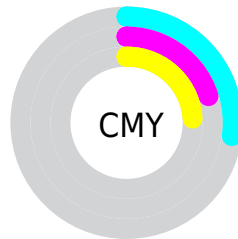
- Red (73%)
- Green (80%)
- Blue (76%)



- Red (73%)
- Yellow (78%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (5%)
- Black (20%)



- Cyan (27%)
- Magenta (20%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1752, 58.1676, 60.1073 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 52.1752, 58.1676, 60.1073 by changing the saturation by 10% instead.

■ 52.1752, 58.1676,
60.1073

■ 52.1752, 58.1676,
60.1073

385.4255,
417.8102, 442.8088

■ 37.3696, 41.9434,
43.0793

■ 92.5623, 102.1669,
106.5302

■ 25.6688, 29.0570,
29.6154

118.8744,
130.7108, 136.7621

■ 16.7074, 19.1239,
19.2973

149.7528,
164.1300, 172.2325

■ 10.1201, 11.7599,
11.7063

185.5628,
202.8090, 213.3597

■ 5.5415, 6.5804,
6.4239

226.6696,
247.1321, 260.5624

■ 2.6063, 3.2011,
3.0316

273.4388,

■ 0.9492, 1.2376,

297.4837, 314.2592

1.1108

326.2356,
354.2483, 374.8684

■ 0.0000, 0.0921,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1752, 58.1676,
60.1073

■ 52.1752, 58.1676,
60.1073

■ 46.2745, 55.2705,
53.3631

■ 58.8934, 61.4780,
67.4051

■ 41.1541, 52.7629,
47.1558

■ 66.4547, 65.2099,
75.2652

■ 36.7811, 50.6298,
41.4732

■ 74.8896, 69.3803,
83.7007

■ 33.1180, 48.8521,
36.3015

■ 78.8847, 71.2498,
92.4735

■ 30.1243, 47.4092,
31.6260

■ 80.6361, 71.9503,
101.6963

■ 27.7551, 46.2782,
27.4313

■ 81.1224, 72.1449,
104.2575

■ 25.9596, 45.4332,
23.7013

■ 24.6781, 44.8440,
20.4186

■ 23.8167, 44.4622,
17.5634

Harmonies

Analogous

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



53.1415, 58.1676, 56.2325



52.1752, 58.1676, 60.1073



52.0326, 58.1676, 65.0477

Triad

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



52.1752, 58.1676, 60.1073



55.8815, 58.1676, 73.3266



57.9056, 58.1676, 57.3118

Complementary

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



52.1752, 58.1676, 60.1073



53.0274, 52.5525, 60.1750

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.



58.6735, 58.1676, 61.6519



52.1752, 58.1676, 60.1073



57.4886, 58.1676, 71.0109

Square

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



52.1752, 58.1676, 60.1073



54.1479, 58.1676, 72.8591



58.5192, 58.1676, 66.6755



56.4411, 58.1676, 54.6787

Rectangle

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



52.1752, 58.1676, 60.1073



52.4205, 58.1676, 68.3068



58.5192, 58.1676, 66.6755



58.2552, 58.1676, 58.6098

Sweetspot

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



52.1768, 58.1701, 60.1086



91.6144, 98.3071, 105.2064



53.8815, 59.1506, 55.5919



19.4173, 20.9472, 22.3103



0.0000, 0.0000, 0.0000



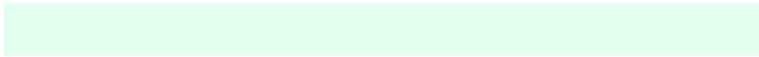
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1768, 58.1701, 60.1086



83.0641, 94.0993, 95.7678



53.2020, 58.5801, 65.5069



11.2717, 12.6184, 12.9883



14.8152, 27.6714, 10.9778



0.8023, 1.4427, 0.7664

Inverse Universe

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



53.0274, 52.5525, 60.1750



84.8030, 82.6139, 95.9032



52.0477, 52.1607, 55.0159



11.4689, 11.3163, 13.0037



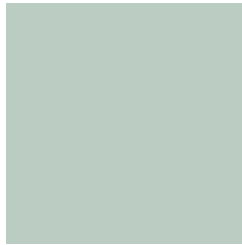
17.6095, 8.8544, 10.9283



0.9463, 0.4719, 0.7630

Previews

White Background



This preview shows how the XYZ color 52.1752, 58.1676, 60.1073 looks on a white background.

Color Contrast Check

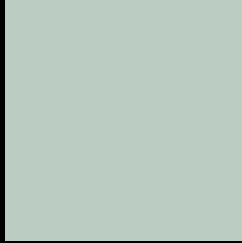
Large Text (above 18pt) WCAG AA × Fail

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 52.1752, 58.1676, 60.1073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

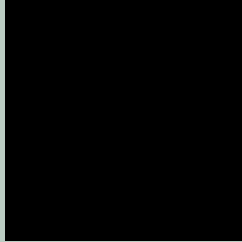
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.1752, 58.1676, 60.1073

Background



This preview shows how black text looks on a background with the XYZ color 52.1752, 58.1676, 60.1073.

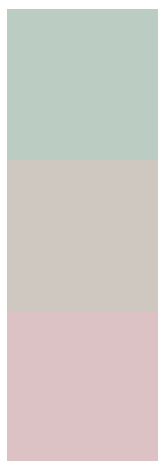


This preview shows how white text looks on a background with the XYZ color 52.1752, 58.1676,

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

52.1752, 58.1676, 60.1073

Protanopia

55.6223, 58.2361, 58.1783

Deuteranopia

59.1886, 57.9869, 60.8963



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

52.1752, 58.1676, 60.1073

Protanomaly

54.2994, 58.2334, 58.8304

Deuteranomaly

56.4524, 57.9290, 60.4306

Tritanomaly

54.2240, 58.3122, 69.3702

Monochromacy



Original Color

52.1752, 58.1676, 60.1073

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2128, 57.2738, 61.0737

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1752, 58.1676, 60.1073 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(187, 205, 195)` looks like.

```
.text, #text, p{  
    color:rgb(187, 205, 195)  
}
```

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(187, 205, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 205, 195) }
```

Border

The CSS property to change the border of an element to XYZ 52.1752, 58.1676, 60.1073 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(187, 205, 195) }
```


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

```
.border{ border-color:rgb(187, 205, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 205, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 205, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 205, 195);  
box-shadow:4px 4px 4px 4px rgb(187, 205,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1752, 58.1676, 60.1073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 205, 195) }
```

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

```
.background{ background-color: rgb(187,  
205, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor