

Converting Colors

XYZ(52.1905, 58.5577, 59.0041)

Have a look what the booklet for
XYZ(52.1905, 58.5577, 59.0041)
contains.

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Color

**XYZ(52.1905, 58.5577,
59.0041)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCEC1
RGB	187, 206, 193
RGB Percent	73%, 81%, 76%
CMY	0.2667, 0.1921, 0.2431
CMYK	0.09, 0.00, 0.06, 0.19
HSL	139°, 16%, 77%
HSV	139°, 9%, 81%
XYZ	52.1905, 58.5577, 59.0041
YIQ	198.8370, -7.1510, -8.0710

Conversions

Conversions Part 2

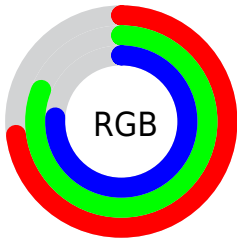
Format	Color
RYB	187, 201, 206
Decimal	12308161
CIELab	81.05, -8.87, 4.27
CIELCh	81, 9.845, 154.312
Yxy	58.5577, 0.3075, 0.3450
Android (android.graphics.Color)	4290498241 (0xFFBBCEC1)
YUV	198.8370, -2.8776, -10.3810
Hunter-Lab	76.5230, -12.1740, 7.8497

Details

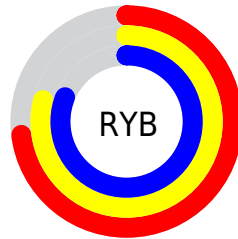
The XYZ color **52.1905, 58.5577, 59.0041** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6514, 52.8341, 62.0167**, and the grayscale version is **54.2080, 57.0311, 62.1068**.

A 20% lighter version of the original color is **89.8210, 97.4142, 103.6913**, and **25.7934, 29.4183, 29.1298** is the 20% darker color. If you saturate the color by 10%, you get **46.0096, 55.5461, 50.8942**, and if you desaturate by 10%, it is **59.2475, 62.0069, 67.9400**.

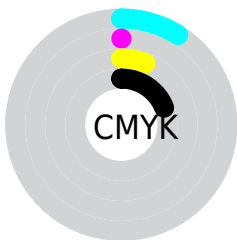
Distribution



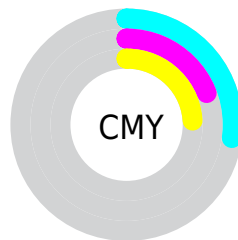
- Red (73%)
- Green (81%)
- Blue (76%)



- Red (73%)
- Yellow (79%)
- Blue (81%)



- Cyan (9%)
- Magenta (0%)
- Yellow (6%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1905, 58.5577, 59.0041 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 52.1905, 58.5577, 59.0041 by changing the saturation by 10% instead.

■ 52.1905, 58.5577,
59.0041

■ 52.1905, 58.5577,
59.0041

385.4835,
419.2608, 438.6194

■ 37.3818, 42.2572,
42.1964

■ 92.5847, 102.7346,
104.9128

■ 25.6783, 29.3027,
28.9284

118.9009,
131.3797, 134.8509

■ 16.7145, 19.3099,
18.7815

149.7837,
164.9084, 170.0028

■ 10.1252, 11.8944,
11.3373

185.5984,
203.7052, 210.7872

■ 5.5450, 6.6718,
6.1772

226.7104,
248.1545, 257.6224

■ 2.6084, 3.2577,
2.8826

273.4850,

■ 0.9503, 1.2677,

298.6406, 310.9272

1.0350

326.2876,
355.5479, 371.1200

■ 0.0000, 0.1160,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1905, 58.5577,
59.0041

■ 52.1905, 58.5577,
59.0041

■ 46.0096, 55.5461,
50.8942

■ 59.2475, 62.0069,
67.9400

■ 40.6652, 52.9473,
43.5829

■ 67.2086, 65.9028,
77.7203

■ 36.1218, 50.7450,
37.0471

■ 76.1065, 70.2634,
88.3680

■ 32.3391, 48.9191,
31.2610

■ 80.4716, 72.2686,
99.6465

■ 29.2737, 47.4477,
26.1974

■ 81.3624, 72.6249,
104.3375

■ 26.8773, 46.3066,
21.8276

■ 25.0954, 45.4682,
18.1207

■ 23.8643, 44.9003,
15.0434

■ 23.0798, 44.5501,
12.5579

Harmonies

Analogous

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



53.4714, 58.5577, 54.9076



52.1905, 58.5577, 59.0041



51.8299, 58.5577, 64.6093

Triad

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



52.1905, 58.5577, 59.0041



55.9533, 58.5577, 75.6536



58.9668, 58.5577, 57.6233

Complementary

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



52.1905, 58.5577, 59.0041



53.6514, 52.8341, 62.0167

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.



59.6687, 58.5577, 62.9170



52.1905, 58.5577, 59.0041



57.9021, 58.5577, 73.5147

Square

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



52.1905, 58.5577, 59.0041



53.9712, 58.5577, 74.4490



59.2744, 58.5577, 68.7635



57.3783, 58.5577, 54.1453

Rectangle

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



52.1905, 58.5577, 59.0041



52.1523, 58.5577, 68.5061



59.2744, 58.5577, 68.7635



59.3160, 58.5577, 59.2372

Sweetspot

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



52.1921, 58.5602, 59.0054



91.4599, 98.2453, 104.3925



54.9429, 60.0540, 55.7103



19.3757, 20.9306, 22.0910



0.0000, 0.0000, 0.0000



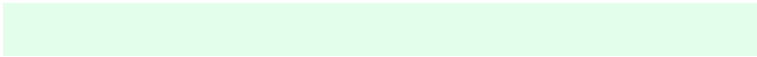
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1921, 58.5602, 59.0054



82.5350, 93.8876, 92.9816



53.2512, 58.9838, 64.5823



11.2115, 12.5944, 12.6714



14.2182, 27.4326, 7.8340



0.7680, 1.4290, 0.5856

Inverse Universe

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



53.6514, 52.8341, 62.0167



85.3520, 82.8335, 98.7943



52.6078, 52.4167, 56.5208



11.5309, 11.3411, 13.3305



18.6777, 9.2817, 16.5532



0.9970, 0.4922, 1.0299

Previews

White Background



This preview shows how the XYZ color 52.1905, 58.5577, 59.0041 looks on a white background.

Color Contrast Check

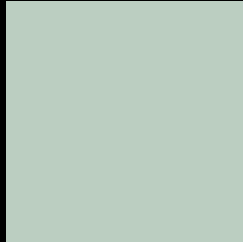
Large Text (above 18pt) WCAG AA × Fail

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 52.1905, 58.5577, 59.0041 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

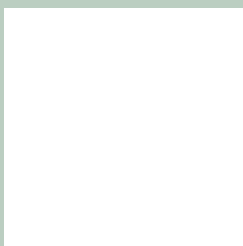
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1905, 58.5577, 59.0041

Background



This preview shows how black text looks on a background with the XYZ color 52.1905, 58.5577, 59.0041.



This preview shows how white text looks on a background with the XYZ color 52.1905, 58.5577,

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

52.1905, 58.5577, 59.0041

Protanopia

55.6807, 58.2917, 57.0319

Deuteranopia

59.2663, 58.0533, 59.7115



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

52.1905, 58.5577, 59.0041

Protanomaly

54.3439, 58.2820, 57.6755

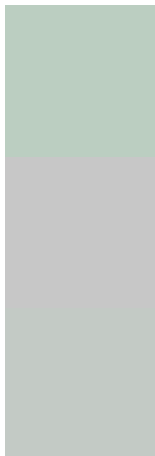
Deuteranomaly

56.2262, 57.8385, 59.2394

Tritanomaly

54.0998, 58.2625, 68.7160

Monochromacy



Original Color

52.1905, 58.5577, 59.0041

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7043, 57.8744, 61.1637

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1905, 58.5577, 59.0041 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, 206, 193) looks like.

```
.text, #text, p{  
    color:rgb(187, 206, 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(187, 206, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 206, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.1905, 58.5577, 59.0041 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, 206, 193) }
```


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

```
.border{ border-color:rgb(187, 206, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 206, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 206, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 206, 193);  
box-shadow:4px 4px 4px 4px rgb(187, 206,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1905, 58.5577, 59.0041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 206, 193) }
```

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

```
.background{ background-color: rgb(187,  
206, 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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