

Converting Colors

XYZ(52.2086, 58.9860, 56.0390)

Have a look what the booklet for
XYZ(52.2086, 58.9860, 56.0390)
contains.

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Color

**XYZ(52.1290, 58.9479,
56.2075)**

Conversions

Conversions Part 1

Format	Color
Hex	BCCFBC
RGB	188, 207, 188
RGB Percent	74%, 81%, 74%
CMY	0.2627, 0.1882, 0.2627
CMYK	0.09, 0.00, 0.09, 0.19
HSL	120°, 17%, 77%
HSV	120°, 9%, 81%
XYZ	52.1290, 58.9479, 56.2075
YIQ	199.1530, -5.2250, -9.9370

Conversions

Conversions Part 2

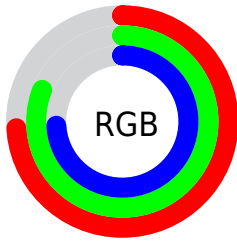
Format	Color
RYB	188, 207, 207
Decimal	12373948
CIELab	81.26, -9.96, 7.26
CIELCh	81, 12.323, 143.925
Yxy	58.9479, 0.3116, 0.3524
Android (android.graphics.Color)	4290564028 (0xFFBCCFBC)
YUV	199.1530, -5.4984, -9.7812
Hunter-Lab	76.7775, -13.1660, 10.3391

Details

The XYZ color **52.1290, 58.9479, 56.2075** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.9800, 53.7383, 66.5093**, and the grayscale version is **54.4160, 57.2499, 62.3451**.

A 20% lighter version of the original color is **89.3974, 97.2848, 99.6540**, and **25.7561, 29.6826, 27.2935** is the 20% darker color. If you saturate the color by 10%, you get **45.3169, 55.6774, 45.0637**, and if you desaturate by 10%, it is **59.9959, 62.7285, 69.0739**.

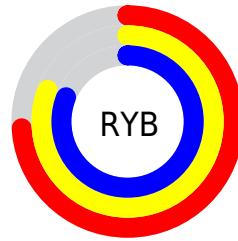
Distribution



Red (74%)

Green (81%)

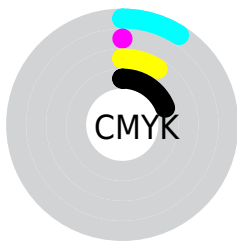
Blue (74%)



Red (74%)

Yellow (81%)

Blue (81%)

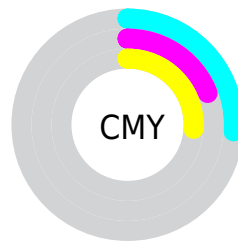


Cyan (9%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (26%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1290, 58.9479, 56.2075 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 52.1290, 58.9479, 56.2075 by changing the saturation by 10% instead.

■ 52.1290, 58.9479,
56.2075

■ 52.1290, 58.9479,
56.2075

385.2502,
420.7088, 427.8833

■ 37.3326, 42.5712,
39.9642

■ 92.4946, 103.3019,
100.7967

■ 25.6400, 29.5488,
27.1971

118.7944,
132.0480, 129.9797

■ 16.6858, 19.4964,
17.4875

149.6595,
165.6861, 164.3130

■ 10.1046, 12.0295,
10.4171

185.4551,
204.6004, 204.2152

■ 5.5312, 6.7638,
5.5672

226.5466,
249.1755, 250.1048

■ 2.6001, 3.3148,
2.5192

273.2994,

■ 0.9460, 1.2982,

299.7956, 302.4003

0.8503

326.0788,
356.8453, 361.5203

■ 0.0000, 0.1398,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.1290, 58.9479,
56.2075

■ 52.1290, 58.9479,
56.2075

■ 45.3169, 55.6774,
45.0637

■ 59.9959, 62.7285,
69.0739

■ 39.5103, 52.8882,
35.5658

■ 68.9547, 67.0319,
83.7276

■ 34.6629, 50.5598,
27.6371

■ 79.0466, 71.8795,
100.2347

■ 30.7232, 48.6674,
21.1931

■ 81.6040, 73.1080,
104.4180

■ 27.6349, 47.1839,
16.1414

■ 25.3350, 46.0791,
12.3795

■ 23.7522, 45.3188,
9.7906

■ 22.8024, 44.8626,
8.2369

■ 22.3445, 44.6426,
7.4880

Harmonies

Analogous

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



54.0483, 58.9479, 52.0995



52.1290, 58.9479, 56.2075



51.2574, 58.9479, 62.6984

Triad

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



52.1290, 58.9479, 56.2075



55.5070, 58.9479, 79.3079



60.6669, 58.9479, 58.6152

Complementary

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



52.1290, 58.9479, 56.2075



54.9800, 53.7383, 66.5093

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.



61.0862, 58.9479, 65.6934



52.1290, 58.9479, 56.2075



58.0559, 58.9479, 78.0066

Square

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



52.1290, 58.9479, 56.2075



53.1690, 58.9479, 76.3136



60.1172, 58.9479, 72.8821



58.9882, 58.9479, 53.4135

Rectangle

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



52.1290, 58.9479, 56.2075



51.3682, 58.9479, 67.6500



60.1172, 58.9479, 72.8821



60.9619, 58.9479, 60.8389

Sweetspot

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



52.1306, 58.9504, 56.2088



91.0839, 98.0949, 102.4127



57.1247, 61.5250, 56.4424



19.2746, 20.8901, 21.5589



0.0000, 0.0000, 0.0000



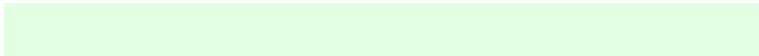
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1306, 58.9504, 56.2088



81.2810, 93.3861, 86.3783



53.1892, 59.3738, 61.7830



11.6564, 13.2063, 12.5468



14.0581, 28.1162, 4.6861



0.7860, 1.5721, 0.2620

Inverse Universe

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



54.9800, 53.7383, 66.5093



86.7454, 83.3908, 106.1316



53.8528, 53.2874, 60.5732



12.3109, 12.0091, 14.9128



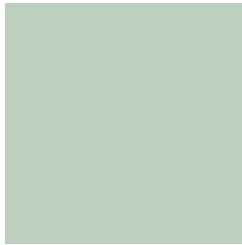
23.3082, 11.1961, 38.1245



1.3032, 0.6260, 2.1317

Previews

White Background



This preview shows how the XYZ color 52.1290, 58.9479, 56.2075 looks on a white background.

Color Contrast Check

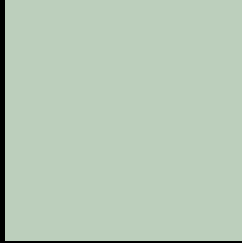
Large Text (above 18pt) WCAG AA × Fail

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 52.1290, 58.9479, 56.2075 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

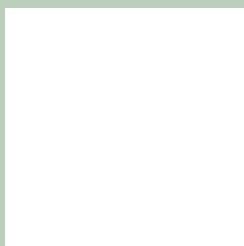
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1290, 58.9479, 56.2075

Background



This preview shows how black text looks on a background with the XYZ color 52.1290, 58.9479, 56.2075.



This preview shows how white text looks on a background with the XYZ color 52.1290, 58.9479,

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

52.1290, 58.9479, 56.2075

Protanopia

55.9381, 58.8314, 54.3063

Deuteranopia

59.8607, 58.7555, 56.9011



Tritanopia

56.1344, 59.1638, 75.4790

Trichromacy



Original Color

52.1290, 58.9479, 56.2075

Protanomaly

54.3063, 58.6745, 54.9174

Deuteranomaly

56.7601, 58.5180, 56.4476

Tritanomaly

54.4639, 58.8162, 68.1566

Monochromacy



Original Color

52.1290, 58.9479, 56.2075

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4765, 57.7833, 59.9645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1290, 58.9479, 56.2075 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, 207, 188)` looks like.

```
.text, #text, p{  
    color:rgb(188, 207, 188)  
}
```

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, 207, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 207, 188) }
```

Border

The CSS property to change the border of an element to XYZ 52.1290, 58.9479, 56.2075 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, 207, 188) }
```


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

```
.border{ border-color:rgb(188, 207, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 207, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 207, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 207, 188);  
box-shadow:4px 4px 4px 4px rgb(188, 207,  
188) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1290, 58.9479, 56.2075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 207, 188) }
```

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

```
.background{ background-color: rgb(188,  
207, 188) }
```

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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