

Converting Colors

XYZ(51.0675, 58.6080, 52.9291)

Have a look what the booklet for
XYZ(51.0675, 58.6080, 52.9291)
contains.

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Color

**XYZ(51.0060, 58.4421,
52.8481)**

Conversions

Conversions Part 1

Format	Color
Hex	BACFB6
RGB	186, 207, 182
RGB Percent	73%, 81%, 71%
CMY	0.2706, 0.1882, 0.2863
CMYK	0.10, 0.00, 0.12, 0.19
HSL	110°, 21%, 76%
HSV	110°, 12%, 81%
XYZ	51.0060, 58.4421, 52.8481
YIQ	197.8710, -4.4910, -12.2270

Conversions

Conversions Part 2

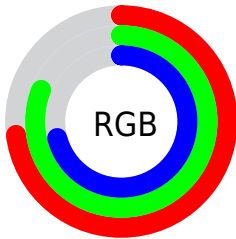
Format	Color
RYB	182, 207, 203
Decimal	12242870
CIELab	80.98, -11.72, 10.04
CIElCh	81, 15.429, 139.417
Yxy	58.4421, 0.3143, 0.3601
Android (android.graphics.Color)	4290432950 (0xFFBACFB6)
YUV	197.8710, -7.8244, -10.4109
Hunter-Lab	76.4474, -14.6872, 12.5260

Details

The XYZ color **51.0060, 58.4421, 52.8481** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6213, 50.6590, 66.0392**, and the grayscale version is **53.6474, 56.4413, 61.4646**.

A 20% lighter version of the original color is **87.8106, 96.5703, 94.9007**, and **25.0265, 29.3540, 25.1157** is the 20% darker color. If you saturate the color by 10%, you get **45.0526, 55.6039, 42.2157**, and if you desaturate by 10%, it is **57.7930, 61.6769, 65.1727**.

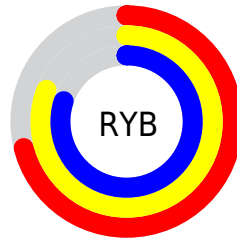
Distribution



Red (73%)

Green (81%)

Blue (71%)



Red (71%)

Yellow (81%)

Blue (80%)

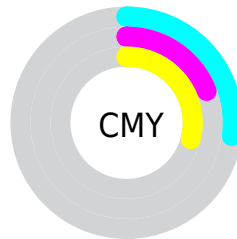


Cyan (10%)

Magenta (0%)

Yellow (12%)

Black (19%)



Cyan (27%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0060, 58.4421, 52.8481 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 51.0060, 58.4421, 52.8481 by changing the saturation by 10% instead.


 51.0060, 58.4421,
52.8481

 51.0060, 58.4421,
52.8481


380.9744,
418.8313, 414.7518

 36.4344, 42.1642,
37.2946


 90.8466, 102.5664,
95.8201

 24.9416, 29.2299,
25.1381


116.8463,
131.1815, 124.0757

 16.1620, 19.2548,
15.9600


147.3862,
164.6779, 157.4024

 9.7305, 11.8545,
9.3418

182.8315,
203.4398, 196.2188

 5.2815, 6.6447,
4.8650

223.5476,
247.8517, 240.9434

 2.4498, 3.2409,
2.1109

269.8999,

 0.8700, 1.2588,

298.2980, 291.9947

0.6222

322.2537,
355.1631, 349.7914

■ 0.0000, 0.1089,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.0060, 58.4421,
52.8481

■ 51.0060, 58.4421,
52.8481

■ 45.0526, 55.6039,
42.2157

■ 57.7930, 61.6769,
65.1727

■ 39.8959, 53.1398,
33.1981

■ 65.4393, 65.3149,
79.2549

■ 35.5031, 51.0362,
25.7173

■ 73.9752, 69.3721,
95.1612

■ 31.8374, 49.2761,
19.6877

■ 81.6039, 73.1079,
104.4180

■ 28.8587, 47.8409,
15.0151

■ 26.5233, 46.7103,
11.5943

■ 24.7819, 45.8614,
9.3044

■ 23.5776, 45.2682,
8.0009

■ 22.9448, 44.9531,
7.4675

Harmonies

Analogous

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



53.5278, 58.4421, 48.4241



51.0060, 58.4421, 52.8481



49.7181, 58.4421, 60.4527

Triad

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



51.0060, 58.4421, 52.8481



54.4254, 58.4421, 82.5669



61.5526, 58.4421, 57.9555

Complementary

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



51.0060, 58.4421, 52.8481



52.6213, 50.6590, 66.0392

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.



61.8155, 58.4421, 66.9240



51.0060, 58.4421, 52.8481



57.6173, 58.4421, 81.7344

Square

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



51.0060, 58.4421, 52.8481



51.6414, 58.4421, 77.9708



60.3508, 58.4421, 75.7947



59.6457, 58.4421, 51.1712

Rectangle

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



51.0060, 58.4421, 52.8481



49.6979, 58.4421, 66.5593



60.3508, 58.4421, 75.7947



61.8389, 58.4421, 60.7948

Sweetspot

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



51.0076, 58.4446, 52.8494



90.3685, 97.7713, 100.3350



55.4946, 59.2787, 52.7739



19.1595, 20.8399, 21.1421



0.0000, 0.0000, 0.0000



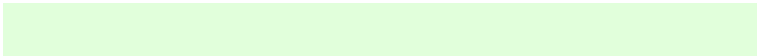
20.3446, 21.4041, 23.3091

Same Dimension

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



51.0076, 58.4446, 52.8494



79.6404, 92.6596, 80.9127



50.9368, 58.3056, 57.4774



11.8299, 13.2958, 12.5549



14.5080, 28.3481, 4.7071



0.8677, 1.6142, 0.2658

Inverse Universe

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



52.6213, 50.6590, 66.0392



82.6300, 78.2327, 105.3531



52.7322, 50.8308, 60.8644



12.1174, 11.9093, 14.9037



18.1448, 8.5343, 37.8834



1.0655, 0.5034, 2.1206

Previews

White Background



This preview shows how the XYZ color 51.0060, 58.4421, 52.8481 looks on a white background.

Color Contrast Check

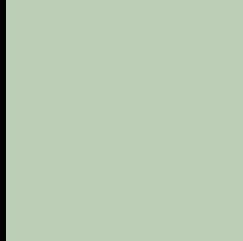
Large Text (above 18pt) WCAG AA × Fail

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 51.0060, 58.4421, 52.8481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

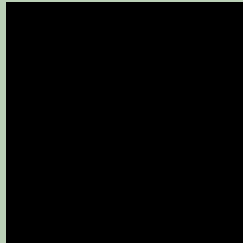
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0060, 58.4421, 52.8481

Background



This preview shows how black text looks on a background with the XYZ color 51.0060, 58.4421, 52.8481.



This preview shows how white text looks on a background with the XYZ color 51.0060, 58.4421,

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

51.0060, 58.4421, 52.8481

Protanopia

55.2685, 58.2245, 50.4450

Deuteranopia

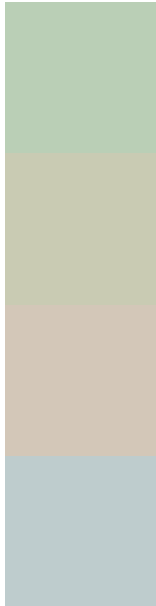
59.4128, 58.2551, 54.0119



Tritanopia

55.5136, 58.5095, 74.6972

Trichromacy



Original Color

51.0060, 58.4421, 52.8481

Protanomaly

53.5800, 58.3841, 51.0931

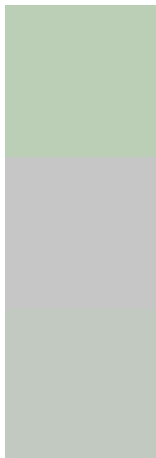
Deuteranomaly

55.9391, 58.1564, 53.6244

Tritanomaly

53.8475, 58.5407, 66.2190

Monochromacy



Original Color

51.0060, 58.4421, 52.8481

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

52.6492, 57.0484, 58.1057

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0060, 58.4421, 52.8481 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(186, 207, 182)` looks like.

```
.text, #text, p{  
    color:rgb(186, 207, 182)  
}
```

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(186, 207, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 207, 182) }
```

Border

The CSS property to change the border of an element to XYZ 51.0060, 58.4421, 52.8481 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(186, 207, 182) }
```


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

```
.border{ border-color:rgb(186, 207, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 207, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 207, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 207, 182);  
box-shadow:4px 4px 4px 4px rgb(186, 207,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0060, 58.4421, 52.8481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 207, 182) }
```

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

```
.background{ background-color: rgb(186,  
207, 182) }
```

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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