

Converting Colors

XYZ(50.6735, 58.0132, 51.5591)

Have a look what the booklet for
XYZ(50.6735, 58.0132, 51.5591)
contains.

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Color

**XYZ(50.5592, 57.8770,
51.6866)**

Conversions

Conversions Part 1

Format	Color
Hex	BACEB4
RGB	186, 206, 180
RGB Percent	73%, 81%, 71%
CMY	0.2706, 0.1921, 0.2941
CMYK	0.10, 0.00, 0.13, 0.19
HSL	106°, 21%, 76%
HSV	106°, 13%, 81%
XYZ	50.5592, 57.8770, 51.6866
YIQ	197.0560, -3.5740, -12.3260

Conversions

Conversions Part 2

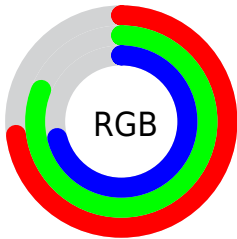
Format	Color
RYB	180, 206, 200
Decimal	12242612
CIELab	80.67, -11.56, 10.66
CIElCh	81, 15.720, 137.318
Yxy	57.8770, 0.3158, 0.3615
Android (android.graphics.Color)	4290432692 (0xFFBACEB4)
YUV	197.0560, -8.4086, -9.6961
Hunter-Lab	76.0769, -14.5071, 12.9723

Details

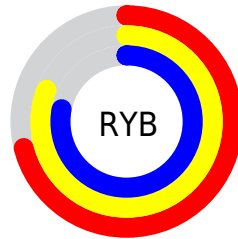
The XYZ color **50.5592, 57.8770, 51.6866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **51.2836, 49.3797, 65.2239**, and the grayscale version is **53.1568, 55.9251, 60.9024**.

A 20% lighter version of the original color is **87.5183, 96.4534, 93.3615**, and **24.7319, 28.9753, 24.3680** is the 20% darker color. If you saturate the color by 10%, you get **44.9761, 55.2252, 41.2727**, and if you desaturate by 10%, it is **56.8845, 60.8787, 63.7658**.

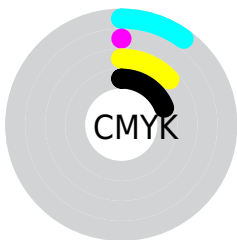
Distribution



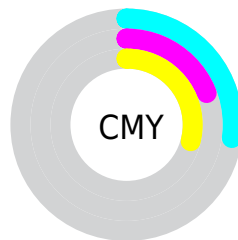
- Red (73%)
- Green (81%)
- Blue (71%)



- Red (71%)
- Yellow (81%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (13%)
- Black (19%)



- Cyan (27%)
- Magenta (19%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5592, 57.8770, 51.6866 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 50.5592, 57.8770, 51.6866 by changing the saturation by 10% instead.

■ 50.5592, 57.8770,
51.6866

■ 50.5592, 57.8770,
51.6866

379.2647,
416.7275, 410.1480

■ 36.0775, 41.7098,
36.3748

■ 90.1897, 101.7437,
94.0907

■ 24.6645, 28.8741,
24.4318

116.0693,
130.2120, 122.0202

■ 15.9546, 18.9856,
15.4391

146.4789,
163.5494, 154.9926

■ 9.5827, 11.6599,
8.9781

181.7839,
202.1404, 193.4265

■ 5.1833, 6.5125,
4.6303

222.3496,
246.3693, 237.7404

■ 2.3911, 3.1592,
1.9771

268.5414,

■ 0.8407, 1.2154,

296.6205, 288.3530

0.5411

320.7246,
353.2784, 345.6827

■ 0.0000, 0.0742,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.5592, 57.8770,
51.6866

■ 50.5592, 57.8770,
51.6866

■ 44.9761, 55.2252,
41.2727

■ 56.8845, 60.8787,
63.7658

■ 40.1028, 52.9032,
32.4475

■ 63.9732, 64.2348,
77.5750

■ 35.9116, 50.9001,
25.1339

■ 71.8519, 67.9592,
93.1798

■ 32.3710, 49.2015,
19.2471

■ 79.3289, 71.5766,
104.2423

■ 29.4470, 47.7919,
14.6938

■ 81.3625, 72.6249,
104.3375

■ 27.1021, 46.6542,
11.3694

■ 25.2948, 45.7697,
9.1542

■ 23.9768, 45.1165,
7.9040

■ 23.2693, 44.7619,
7.4135

Harmonies

Analogous

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



53.1778, 57.8770, 47.4824



50.5592, 57.8770, 51.6866



49.1571, 57.8770, 59.1841

Triad

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



50.5592, 57.8770, 51.6866



53.6548, 57.8770, 82.0638



61.1708, 57.8770, 57.8581

Complementary

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



50.5592, 57.8770, 51.6866



51.2836, 49.3797, 65.2239

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.



61.3108, 57.8770, 67.0144



50.5592, 57.8770, 51.6866



56.8846, 57.8770, 81.6194

Square

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



50.5592, 57.8770, 51.6866



50.8966, 57.8770, 77.0560



59.7154, 57.8770, 75.8956



59.3400, 57.8770, 50.7981

Rectangle

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



50.5592, 57.8770, 51.6866



49.0632, 57.8770, 65.3168



59.7154, 57.8770, 75.8956



61.4196, 57.8770, 60.7742

Sweetspot

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



50.5608, 57.8795, 51.6879



90.6228, 97.9024, 100.3469



54.3331, 57.6974, 51.4539



19.2236, 20.8730, 21.1451



0.0000, 0.0000, 0.0000



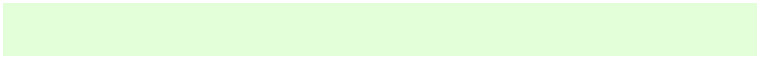
20.3446, 21.4041, 23.3091

Same Dimension

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



50.5608, 57.8795, 51.6879



79.4828, 92.6169, 79.1629



49.8580, 57.4335, 55.4356



11.3062, 12.6598, 11.9271



14.3991, 27.5983, 4.5681



0.8116, 1.4592, 0.2389

Inverse Universe

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



51.2836, 49.3797, 65.2239



80.8659, 76.3414, 105.0810



52.0935, 49.8924, 60.9604



11.4246, 11.2682, 14.1432



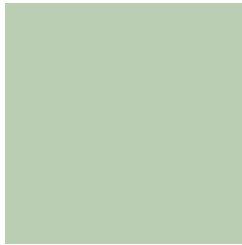
15.6883, 7.2952, 36.5375



0.8727, 0.4090, 1.8879

Previews

White Background



This preview shows how the XYZ color 50.5592, 57.8770, 51.6866 looks on a white background.

Color Contrast Check

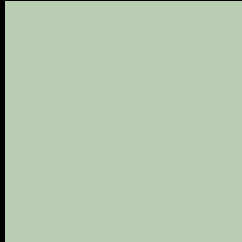
Large Text (above 18pt) WCAG AA × Fail

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 50.5592, 57.8770, 51.6866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

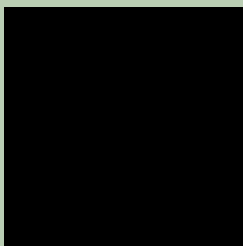
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5592, 57.8770, 51.6866

Background



This preview shows how black text looks on a background with the XYZ color 50.5592, 57.8770, 51.6866.

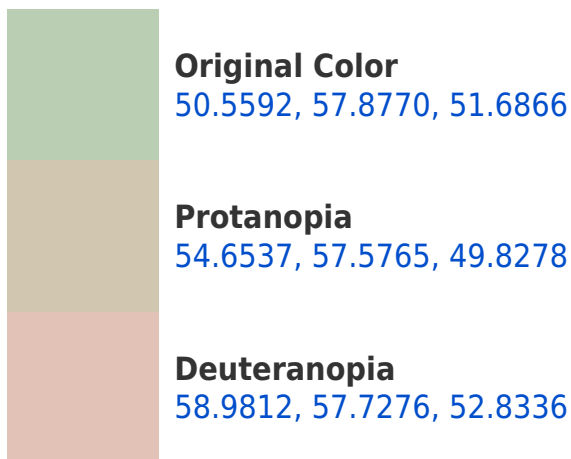


This preview shows how white text looks on a background with the XYZ color 50.5592, 57.8770,

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

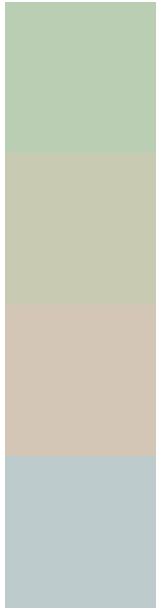




Tritanopia

55.1493, 57.9895, 73.9321

Trichromacy



Original Color

50.5592, 57.8770, 51.6866

Protanomaly

53.2438, 57.8729, 50.4838

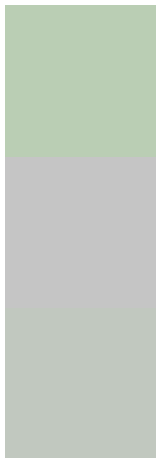
Deuteranomaly

55.5015, 57.6144, 52.4514

Tritanomaly

53.4902, 58.0187, 65.5062

Monochromacy



Original Color

50.5592, 57.8770, 51.6866

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.0506, 56.4076, 57.4346

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5592, 57.8770, 51.6866 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, 206, 180)` looks like.

```
.text, #text, p{  
    color:rgb(186, 206, 180)  
}
```

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, 206, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 206, 180) }
```

Border

The CSS property to change the border of an element to XYZ 50.5592, 57.8770, 51.6866 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, 206, 180) }
```


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

```
.border{ border-color:rgb(186, 206, 180) }
```

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

Here you see how a box with a 4 pixel rgb(186, 206, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 206, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 206, 180);  
box-shadow:4px 4px 4px 4px rgb(186, 206,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5592, 57.8770, 51.6866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 206, 180) }
```

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

```
.background{ background-color: rgb(186,  
206, 180) }
```

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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