

Converting Colors

XYZ(50.9584, 57.1866, 60.4975)

Have a look what the booklet for
XYZ(50.9584, 57.1866, 60.4975)
contains.

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Color

**XYZ(50.8481, 57.1163,
60.5691)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CCC4
RGB	182, 204, 196
RGB Percent	71%, 80%, 77%
CMY	0.2863, 0.2000, 0.2314
CMYK	0.11, 0.00, 0.04, 0.20
HSL	158°, 18%, 76%
HSV	158°, 11%, 80%
XYZ	50.8481, 57.1163, 60.5691
YIQ	196.5100, -10.5440, -7.1520

Conversions

Conversions Part 2

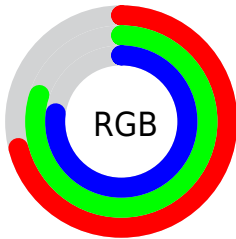
Format	Color
R_{YB}	182, 195, 204
Decimal	11979972
CIE Lab	80.24, -8.95, 1.45
CIE LCh	80, 9.070, 170.773
Yxy	57.1163, 0.3017, 0.3389
Android (android.graphics.Color)	4290170052 (0xFFB6CCC4)
YUV	196.5100, -0.2514, -12.7253
Hunter-Lab	75.5753, -12.1596, 5.3853

Details

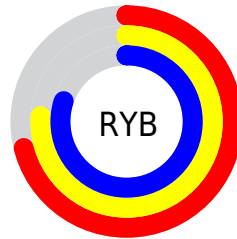
The XYZ color **50.8481, 57.1163, 60.5691** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.9261, 50.0125, 55.6872**, and the grayscale version is **52.7830, 55.5318, 60.4741**.

A 20% lighter version of the original color is **88.7495, 96.7890, 106.9331**, and **24.8421, 28.4328, 29.7699** is the 20% darker color. If you saturate the color by 10%, you get **45.5533, 54.4835, 56.0216**, and if you desaturate by 10%, it is **56.8898, 60.1325, 65.3720**.

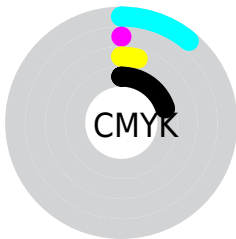
Distribution



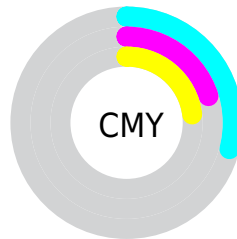
- Red (71%)
- Green (80%)
- Blue (77%)



- Red (71%)
- Yellow (76%)
- Blue (80%)



- Cyan (11%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



- Cyan (29%)
- Magenta (20%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8481, 57.1163, 60.5691 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 50.8481, 57.1163, 60.5691 by changing the saturation by 10% instead.

■ 50.8481, 57.1163,
60.5691

■ 50.8481, 57.1163,
60.5691

380.3707,
413.8850, 444.5550

■ 36.3083, 41.0986,
43.4492

■ 90.6145, 100.6349,
107.2062

■ 24.8436, 28.3962,
29.9037

116.5718,
128.9045, 137.5605

■ 16.0887, 18.6245,
19.5141

147.0657,
162.0270, 173.1634

■ 9.6782, 11.3993,
11.8618

182.4615,
200.3867, 214.4334

■ 5.2467, 6.3361,
6.5282

223.1245,
244.3679, 261.7890

■ 2.4290, 3.0505,
3.0949

269.4202,

■ 0.8596, 1.1581,

294.3551, 315.6488

1.1433

321.7138,
350.7326, 376.4313

■ 0.0000, 0.0271,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8481, 57.1163,
60.5691

■ 50.8481, 57.1163,
60.5691

■ 45.5533, 54.4835,
56.0216

■ 56.8898, 60.1325,
65.3720

■ 40.9696, 52.2110,
51.7211

■ 63.7026, 63.5397,
70.4310

■ 37.0659, 50.2843,
47.6643

■ 71.3154, 67.3544,
75.7516

■ 33.8062, 48.6850,
43.8462

■ 76.5178, 69.9214,
81.1864

■ 31.1515, 47.3930,
40.2615

■ 77.5565, 70.3369,
86.6563

■ 29.0583, 46.3860,
36.9049

■ 78.6399, 70.7702,
92.3610

■ 27.4768, 45.6385,
33.7706

■ 79.7683, 71.2216,
98.3034

■ 26.3481, 45.1201,
30.8520

■ 80.8839, 71.6678,
104.1780

■ 25.6099, 44.7942,
28.3460

Harmonies

Analogous

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



51.5756, 57.1163, 55.9615



50.8481, 57.1163, 60.5691



51.0258, 57.1163, 65.8771

Triad

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



50.8481, 57.1163, 60.5691



55.5600, 57.1163, 72.2199



56.5703, 57.1163, 54.6204

Complementary

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



50.8481, 57.1163, 60.5691



50.9261, 50.0125, 55.6872

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.



57.6850, 57.1163, 58.6430



50.8481, 57.1163, 60.5691



57.0925, 57.1163, 68.8641

Square

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



50.8481, 57.1163, 60.5691



53.7184, 57.1163, 72.8081



57.8782, 57.1163, 63.8394



54.8603, 57.1163, 52.6579

Rectangle

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



50.8481, 57.1163, 60.5691



51.6353, 57.1163, 69.0899



57.8782, 57.1163, 63.8394



57.0287, 57.1163, 55.7654

Sweetspot

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



50.8497, 57.1187, 60.5704



91.8465, 98.3999, 106.4285



51.2901, 57.5214, 52.6564



19.4799, 20.9723, 22.6401



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.



50.8497, 57.1187, 60.5704



82.0072, 93.4935, 98.4723



51.0946, 56.1114, 65.2671



11.3634, 12.6551, 13.4710



16.1644, 28.2111, 18.0828



0.8695, 1.4696, 1.1205

Inverse Universe

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



50.9261, 50.0125, 55.6872



82.1595, 79.3581, 88.7597



50.6822, 50.8864, 51.4078



11.3782, 11.2800, 12.5260



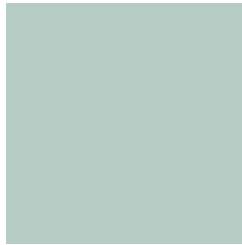
16.4968, 8.4093, 5.0686



0.8873, 0.4483, 0.4521

Previews

White Background



This preview shows how the XYZ color 50.8481, 57.1163, 60.5691 looks on a white background.

Color Contrast Check

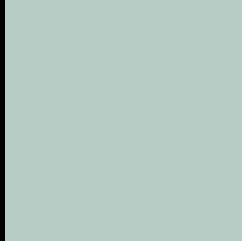
Large Text (above 18pt) WCAG AA × Fail

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 50.8481, 57.1163, 60.5691 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

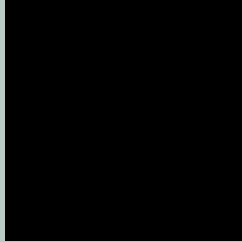
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

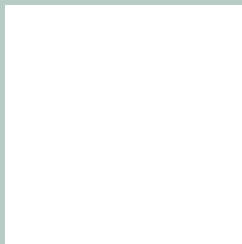
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 50.8481, 57.1163, 60.5691

Background



This preview shows how black text looks on a background with the XYZ color 50.8481, 57.1163, 60.5691.



This preview shows how white text looks on a background with the XYZ color 50.8481, 57.1163,

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

50.8481, 57.1163, 60.5691

Protanopia

54.7216, 57.0758, 58.5847

Deuteranopia

57.9561, 56.6819, 61.3122



Tritanopia

53.6607, 57.2221, 73.8624

Trichromacy



Original Color

50.8481, 57.1163, 60.5691

Protanomaly

53.1568, 56.9394, 59.2277

Deuteranomaly

54.9948, 56.4902, 60.8285

Tritanomaly

52.6367, 57.1588, 68.5801

Monochromacy



Original Color

50.8481, 57.1163, 60.5691

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.4705, 56.5462, 60.9723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8481, 57.1163, 60.5691 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(182, 204, 196)` looks like.

```
.text, #text, p{  
    color:rgb(182, 204, 196)  
}
```

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(182, 204, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 204, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.8481, 57.1163, 60.5691 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(182, 204, 196) }
```


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

```
.border{ border-color:rgb(182, 204, 196) }
```

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

Here you see how a box with a 4 pixel rgb(182, 204, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 204, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 204, 196);  
box-shadow:4px 4px 4px 4px rgb(182, 204,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8481, 57.1163, 60.5691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 204, 196) }
```

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

```
.background{ background-color: rgb(182,  
204, 196) }
```

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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