

Converting Colors

XYZ(50.7250, 57.2705, 60.4380)

Have a look what the booklet for
XYZ(50.7250, 57.2705, 60.4380)
contains.

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Color

**XYZ(50.8512, 57.4719,
60.6376)**

Conversions

Conversions Part 1

Format	Color
Hex	B5CDC4
RGB	181, 205, 196
RGB Percent	71%, 80%, 77%
CMY	0.2902, 0.1961, 0.2314
CMYK	0.12, 0.00, 0.04, 0.20
HSL	157°, 19%, 76%
HSV	157°, 12%, 80%
XYZ	50.8512, 57.4719, 60.6376
YIQ	196.7980, -11.4150, -7.8870

Conversions

Conversions Part 2

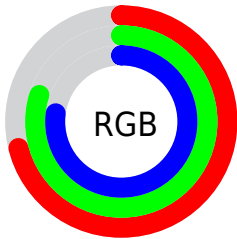
Format	Color
RYB	181, 196, 205
Decimal	11914692
CIELab	80.44, -9.80, 1.74
CIElCh	80, 9.956, 169.958
Yxy	57.4719, 0.3010, 0.3401
Android (android.graphics.Color)	4290104772 (0xFFB5CDC4)
YUV	196.7980, -0.3934, -13.8548
Hunter-Lab	75.8102, -12.9355, 5.6434

Details

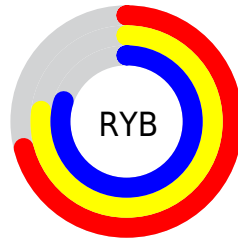
The XYZ color **50.8512, 57.4719, 60.6376** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **50.9971, 49.7461, 55.6320**, and the grayscale version is **52.9576, 55.7156, 60.6742**.

A 20% lighter version of the original color is **88.4147, 96.6164, 106.9174**, and **24.8512, 28.6754, 29.8163** is the 20% darker color. If you saturate the color by 10%, you get **45.5408, 54.8344, 55.9374**, and if you desaturate by 10%, it is **56.9170, 60.4968, 65.6097**.

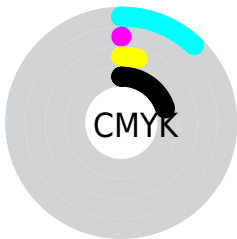
Distribution



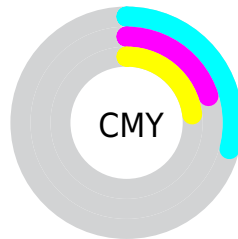
- Red (71%)
- Green (80%)
- Blue (77%)



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



- Cyan (12%)
- Magenta (0%)
- Yellow (4%)
- Black (20%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8512, 57.4719, 60.6376 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 50.8512, 57.4719, 60.6376 by changing the saturation by 10% instead.

■ 50.8512, 57.4719,
60.6376

■ 50.8512, 57.4719,
60.6376

380.3826,
415.2152, 444.8137

■ 36.3108, 41.3842,
43.5041

■ 90.6191, 101.1534,
107.3064

■ 24.8455, 28.6194,
29.9465

116.5772,
129.5161, 137.6789

■ 16.0901, 18.7931,
19.5463

147.0720,
162.7392, 173.3014

■ 9.6792, 11.5209,
11.8849

182.4688,
201.2071, 214.5925

■ 5.2474, 6.4183,
6.5438

223.1328,
245.3043, 261.9707

■ 2.4294, 3.1011,
3.1044

269.4296,

■ 0.8598, 1.1847,

295.4151, 315.8546

1.1482

321.7244,
351.9240, 376.6628

■ 0.0000, 0.0492,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 50.8512, 57.4719,
60.6376

■ 50.8512, 57.4719,
60.6376

■ 45.5408, 54.8344,
55.9374

■ 56.9170, 60.4968,
65.6097

■ 40.9496, 52.5610,
51.5005

■ 63.7630, 63.9170,
70.8547

■ 37.0454, 50.6368,
47.3229

■ 71.4186, 67.7493,
76.3785

■ 33.7918, 49.0429,
43.3992

■ 76.9042, 70.4575,
82.0449

■ 31.1487, 47.7590,
39.7240

■ 77.9881, 70.8911,
87.7527

■ 29.0715, 46.7620,
36.2912

■ 79.1200, 71.3438,
93.7132

■ 27.5091, 46.0257,
33.0946

■ 80.3005, 71.8160,
99.9296

■ 26.4007, 45.5188,
30.1273

■ 81.1224, 72.1448,
104.2575

■ 25.7360, 45.2262,
27.8336

Harmonies

Analogous

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



51.6755, 57.4719, 55.6209



50.8512, 57.4719, 60.6376



51.0188, 57.4719, 66.4926

Triad

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



50.8512, 57.4719, 60.6376



55.9759, 57.4719, 73.7477



57.1893, 57.4719, 54.3605

Complementary

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



50.8512, 57.4719, 60.6376



50.9971, 49.7461, 55.6320

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.



58.3979, 57.4719, 58.8185



50.8512, 57.4719, 60.6376



57.6854, 57.4719, 70.0905

Square

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



50.8512, 57.4719, 60.6376



53.9438, 57.4719, 74.3102



58.5817, 57.4719, 64.5576



55.3125, 57.4719, 52.1491

Rectangle

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



50.8512, 57.4719, 60.6376



51.6719, 57.4719, 70.0768



58.5817, 57.4719, 64.5576



57.6892, 57.4719, 55.6326

Sweetspot

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



50.8528, 57.4743, 60.6389



90.7865, 97.8725, 105.5171



51.4589, 57.9743, 52.1950



19.2654, 20.8657, 22.4506



0.0000, 0.0000, 0.0000



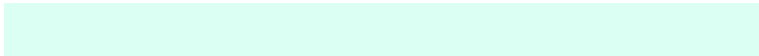
20.3446, 21.4041, 23.3091

Same Dimension

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



50.8528, 57.4743, 60.6389



81.0322, 93.0140, 97.3800



51.2449, 56.5689, 65.9784



11.3579, 12.6529, 13.4421



16.0682, 28.1726, 17.5762



0.8650, 1.4678, 1.0966

Inverse Universe

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



50.9971, 49.7461, 55.6320



81.3136, 77.9452, 87.6183



50.6181, 50.5148, 50.7995



11.3835, 11.2821, 12.5539



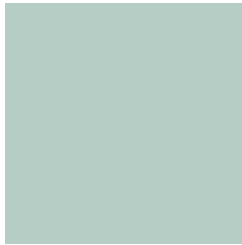
16.5477, 8.4297, 5.3368



0.8902, 0.4495, 0.4678

Previews

White Background



This preview shows how the XYZ color 50.8512, 57.4719, 60.6376 looks on a white background.

Color Contrast Check

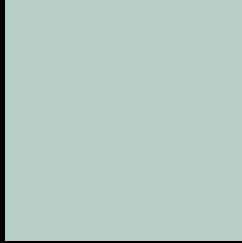
Large Text (above 18pt) WCAG AA × Fail

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 50.8512, 57.4719, 60.6376 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

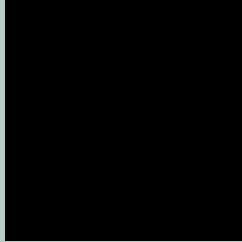
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8512, 57.4719, 60.6376

Background



This preview shows how black text looks on a background with the XYZ color 50.8512, 57.4719, 60.6376.



This preview shows how white text looks on a background with the XYZ color 50.8512, 57.4719,

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

50.8512, 57.4719, 60.6376

Protanopia

54.6104, 57.0313, 57.9990

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

53.7830, 57.6173, 74.6163

Trichromacy



Original Color

50.8512, 57.4719, 60.6376

Protanomaly

53.2772, 57.3593, 58.7155

Deuteranomaly

55.2211, 56.9429, 60.9039

Tritanomaly

52.7560, 57.5554, 69.3015

Monochromacy



Original Color

50.8512, 57.4719, 60.6376

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.2182, 56.4161, 60.9605

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8512, 57.4719, 60.6376 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(181, 205, 196)` looks like.

```
.text, #text, p{  
    color:rgb(181, 205, 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(181, 205, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 205, 196) }
```

Border

The CSS property to change the border of an element to XYZ 50.8512, 57.4719, 60.6376 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(181, 205, 196) }
```


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

```
.border{ border-color:rgb(181, 205, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 205, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 205, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 205, 196);  
box-shadow:4px 4px 4px 4px rgb(181, 205,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8512, 57.4719, 60.6376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 205, 196) }
```

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

```
.background{ background-color: rgb(181,  
205, 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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