

Converting Colors

XYZ(52.0875, 57.6594, 64.9981)

Have a look what the booklet for
XYZ(52.0875, 57.6594, 64.9981)
contains.

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Color

**XYZ(52.1395, 57.6879,
64.8867)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CCCB
RGB	184, 204, 203
RGB Percent	72%, 80%, 80%
CMY	0.2784, 0.2000, 0.2039
CMYK	0.10, 0.00, 0.00, 0.20
HSL	177°, 16%, 76%
HSV	177°, 10%, 80%
XYZ	52.1395, 57.6879, 64.8867
YIQ	197.9060, -11.5990, -4.5510

Conversions

Conversions Part 2

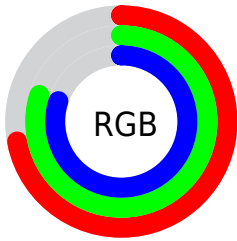
Format	Color
RYB	184, 194, 204
Decimal	12111051
CIELab	80.56, -6.92, -1.81
CIElCh	81, 7.158, 194.673
Yxy	57.6879, 0.2984, 0.3302
Android (android.graphics.Color)	4290301131 (0xFFB8CCCB)
YUV	197.9060, 2.5113, -12.1956
Hunter-Lab	75.9526, -10.3812, 2.5150

Details

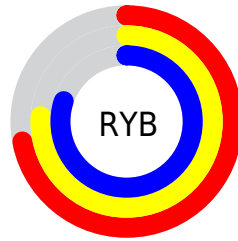
The XYZ color **52.1395, 57.6879, 64.8867** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.8014, 50.6226, 52.9952**, and the grayscale version is **53.6110, 56.4030, 61.4229**.

A 20% lighter version of the original color is **89.7452, 97.2653, 108.6517**, and **25.6912, 28.8079, 32.6402** is the 20% darker color. If you saturate the color by 10%, you get **47.4797, 55.3013, 64.0353**, and if you desaturate by 10%, it is **57.5082, 60.4430, 65.7778**.

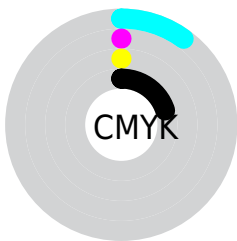
Distribution



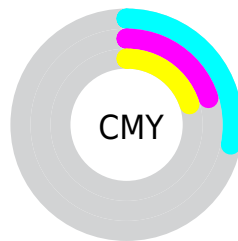
- Red (72%)
- Green (80%)
- Blue (80%)



- Red (72%)
- Yellow (76%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (28%)
- Magenta (20%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1395, 57.6879, 64.8867 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 52.1395, 57.6879, 64.8867 by changing the saturation by 10% instead.

■ 52.1395, 57.6879,
64.8867

■ 52.1395, 57.6879,
64.8867

385.2900,
416.0220, 460.6798

■ 37.3410, 41.5578,
46.9185

■ 92.5099, 101.4682,
113.4987

■ 25.6465, 28.7552,
32.6173

118.8126,
129.8872, 144.9795

■ 16.6907, 18.8957,
21.5647

149.6807,
163.1713, 181.8015

■ 10.1081, 11.5949,
13.3422

185.4796,
201.7049, 224.3834

■ 5.5335, 6.4685,
7.5311

226.5746,
245.8724, 273.1436

■ 2.6015, 3.1320,
3.7130

273.3311,

■ 0.9467, 1.2010,

296.0581, 328.5007

1.4692

326.1145,
352.6465, 390.8733

■ 0.0000, 0.0625,
0.1949

■ 0.0000, 0.0000,
0.0000

■ 52.1395, 57.6879,
64.8867

■ 52.1395, 57.6879,
64.8867

■ 47.4797, 55.3013,
64.0353

■ 57.5082, 60.4430,
65.7778

■ 43.4937, 53.2604,
63.2185

■ 63.6090, 63.5738,
66.7062

■ 40.1511, 51.5511,
62.4360

■ 70.4702, 67.0966,
67.6744

■ 37.4171, 50.1554,
61.6861

■ 74.1080, 68.9575,
68.4960

■ 35.2534, 49.0537,
60.9671

■ 74.2336, 69.0078,
69.1575

■ 33.6178, 48.2240,
60.2770

■ 74.3600, 69.0583,
69.8232

■ 32.4618, 47.6416,
59.6134

■ 74.4872, 69.1092,
70.4932

■ 31.7285, 47.2770,
58.9738

■ 74.6153, 69.1604,
71.1675

■ 31.3133, 47.0762,
58.3532

■ 74.7441, 69.2120,
71.8461

Harmonies

Analogous

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



52.1476, 57.6879, 60.6952



52.1395, 57.6879, 64.8867



52.8436, 57.6879, 68.6816

Triad

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



52.1395, 57.6879, 64.8867



56.8434, 57.6879, 68.7511



55.5817, 57.6879, 55.3189

Complementary

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



52.1395, 57.6879, 64.8867



50.8014, 50.6226, 52.9952

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.



56.8669, 57.6879, 57.2873



52.1395, 57.6879, 64.8867



57.6041, 57.6879, 64.9781

Square

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



52.1395, 57.6879, 64.8867



55.5502, 57.6879, 70.9796



57.6128, 57.6879, 60.7826



54.1173, 57.6879, 55.2969

Rectangle

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



52.1395, 57.6879, 64.8867



53.6294, 57.6879, 70.4228



57.6128, 57.6879, 60.7826



56.0496, 57.6879, 55.7708

Sweetspot

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



52.1412, 57.6903, 64.8880



92.2296, 98.5532, 108.4459



50.3344, 57.0047, 53.6984



19.5836, 21.0137, 23.1861



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.



52.1412, 57.6903, 64.8880



84.4285, 94.5528, 107.1183



50.2578, 53.7316, 64.8520



11.5180, 12.7170, 14.2853



19.7140, 29.6309, 36.7745



1.0247, 1.5317, 1.9374

Inverse Universe

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



50.8014, 50.6226, 52.9952



81.7218, 80.2740, 83.0918



52.5520, 54.2928, 53.0580



11.2348, 11.2226, 11.7708



15.7191, 8.0982, 0.9733



0.8191, 0.4210, 0.0932

Previews

White Background



This preview shows how the XYZ color 52.1395, 57.6879, 64.8867 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 52.1395, 57.6879, 64.8867 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

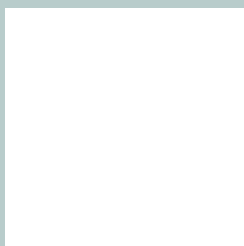
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1395, 57.6879, 64.8867

Background



This preview shows how black text looks on a background with the XYZ color 52.1395, 57.6879, 64.8867.

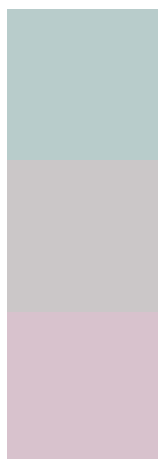


This preview shows how white text looks on a background with the XYZ color 52.1395, 57.6879,

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

52.1395, 57.6879, 64.8867

Protanopia

55.4774, 57.7135, 62.8594

Deuteranopia

58.6301, 57.5903, 65.7835



Tritanopia

54.2689, 57.8678, 74.6390

Trichromacy



Original Color

52.1395, 57.6879, 64.8867

Protanomaly

54.1942, 57.7261, 63.5443

Deuteranomaly

55.9950, 57.5852, 65.2905

Tritanomaly

53.6159, 57.9551, 71.3114

Monochromacy



Original Color

52.1395, 57.6879, 64.8867

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0719, 56.8161, 62.8130

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1395, 57.6879, 64.8867 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(184, 204, 203) looks like.

```
.text, #text, p{  
    color:rgb(184, 204, 203)  
}
```

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(184, 204, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 204, 203) }
```

Border

The CSS property to change the border of an element to XYZ 52.1395, 57.6879, 64.8867 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(184, 204, 203) }
```


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

```
.border{ border-color:rgb(184, 204, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 204, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 204, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 204, 203);  
box-shadow:4px 4px 4px 4px rgb(184, 204,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1395, 57.6879, 64.8867 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 204, 203) }
```

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

```
.background{ background-color: rgb(184,  
204, 203) }
```

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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