

Converting Colors

XYZ(52.6315, 58.9695, 67.0101)

Have a look what the booklet for
XYZ(52.6315, 58.9695, 67.0101)
contains.

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Color

**XYZ(52.7448, 59.0270,
67.0059)**

Conversions

Conversions Part 1

Format	Color
Hex	B6CFCE
RGB	182, 207, 206
RGB Percent	71%, 81%, 81%
CMY	0.2863, 0.1882, 0.1922
CMYK	0.12, 0.00, 0.00, 0.19
HSL	178°, 21%, 76%
HSV	178°, 12%, 81%
XYZ	52.7448, 59.0270, 67.0059
YIQ	199.4110, -14.5790, -5.6110

Conversions

Conversions Part 2

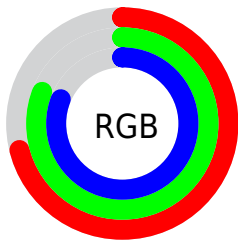
Format	Color
RYB	182, 195, 207
Decimal	11980750
CIELab	81.31, -8.54, -2.35
CIELCh	81, 8.859, 195.365
Yxy	59.0270, 0.2950, 0.3302
Android (android.graphics.Color)	4290170830 (0xFFB6CFCE)
YUV	199.4110, 3.2484, -15.2694
Hunter-Lab	76.8290, -11.9067, 2.0710

Details

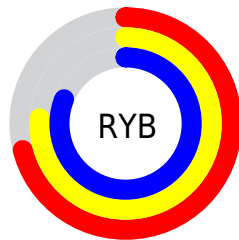
The XYZ color **52.7448, 59.0270, 67.0059** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **51.0095, 50.1418, 51.7922**, and the grayscale version is **54.5263, 57.3659, 62.4715**.

A 20% lighter version of the original color is **89.0699, 96.9171, 108.6201**, and **26.1120, 29.7166, 34.0654** is the 20% darker color. If you saturate the color by 10%, you get **48.1128, 56.6523, 66.2650**, and if you desaturate by 10%, it is **58.1034, 61.7794, 67.7861**.

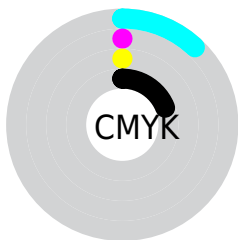
Distribution



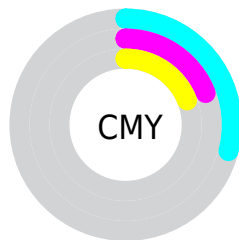
- Red (71%)
- Green (81%)
- Blue (81%)



- Red (71%)
- Yellow (76%)
- Blue (81%)



- Cyan (12%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.7448, 59.0270, 67.0059 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 52.7448, 59.0270, 67.0059 by changing the saturation by 10% instead.

■ 52.7448, 59.0270,
67.0059

■ 52.7448, 59.0270,
67.0059

387.5822,
421.0020, 468.4678

■ 37.8257, 42.6349,
48.6278

■ 93.3965, 103.4169,
116.5696

■ 26.0241, 29.5987,
33.9608

119.8598,
132.1835, 148.5923

■ 16.9744, 19.5342,
22.5864

150.9020,
165.8436, 186.0002

■ 10.3114, 12.0569,
14.0860

186.8883,
204.7817, 229.2119

■ 5.6698, 6.7825,
8.0410

228.1841,
249.3822, 278.6460

■ 2.6841, 3.3264,
4.0331

275.1548,

■ 0.9890, 1.3044,

300.0295, 334.7210

1.6435

328.1657,
357.1080, 397.8554

■ 0.0000, 0.1446,
0.3216

■ 0.0000, 0.0000,
0.0000

■ 52.7448, 59.0270,
67.0059

■ 52.7448, 59.0270,
67.0059

■ 48.1128, 56.6523,
66.2650

■ 58.1034, 61.7794,
67.7861

■ 44.1706, 54.6316,
65.5579

■ 64.2132, 64.9174,
68.6030

■ 40.8862, 52.9500,
64.8844

■ 71.1039, 68.4578,
69.4592

■ 38.2227, 51.5883,
64.2427

■ 75.1027, 70.5074,
70.1828

■ 36.1397, 50.5259,
63.6309

■ 75.2060, 70.5487,
70.7270

■ 34.5919, 49.7393,
63.0470

■ 75.3099, 70.5903,
71.2740

■ 33.5277, 49.2019,
62.4884

■ 75.4143, 70.6320,
71.8238

■ 32.8848, 48.8817,
61.9523

■ 75.5193, 70.6740,
72.3765

■ 32.5878, 48.7374,
61.5395

■ 75.6248, 70.7162,
72.9320

Harmonies

Analogous

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



52.7336, 59.0270, 61.7321



52.7448, 59.0270, 67.0059



53.6426, 59.0270, 71.7909

Triad

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



52.7448, 59.0270, 67.0059



58.6713, 59.0270, 71.6923



57.0064, 59.0270, 54.9142

Complementary

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



52.7448, 59.0270, 67.0059



51.0095, 50.1418, 51.7922

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.



58.6384, 59.0270, 57.2943



52.7448, 59.0270, 67.0059



59.6138, 59.0270, 66.8773

Square

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



52.7448, 59.0270, 67.0059



57.0506, 59.0270, 74.5961



59.6016, 59.0270, 61.6103



55.1667, 59.0270, 54.9444

Rectangle

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



52.7448, 59.0270, 67.0059



54.6345, 59.0270, 73.9762



59.6016, 59.0270, 61.6103



57.5984, 59.0270, 55.4529

Sweetspot

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



52.7465, 59.0295, 67.0072



91.3306, 98.0902, 108.3824



50.3460, 58.1035, 52.8185



19.4035, 20.9209, 23.1777



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.



52.7465, 59.0295, 67.0072



82.8840, 93.7547, 107.1313



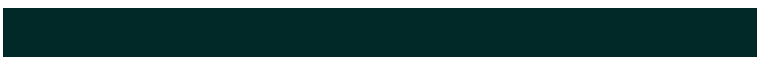
50.2392, 53.8192, 66.7747



12.1370, 13.3986, 15.0780



20.5395, 30.7087, 38.8167



1.1550, 1.7196, 2.2047

Inverse Universe

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



51.0095, 50.1418, 51.7922



79.6654, 77.2859, 78.9387



53.3030, 54.8954, 52.0434



11.8277, 11.8158, 12.3684



16.2494, 8.3726, 0.9535



0.9155, 0.4709, 0.0897

Previews

White Background



This preview shows how the XYZ color 52.7448, 59.0270, 67.0059 looks on a white background.

Color Contrast Check

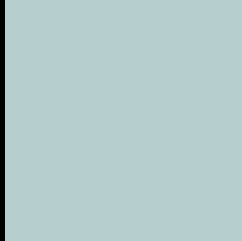
Large Text (above 18pt) WCAG AA × Fail

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 52.7448, 59.0270, 67.0059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

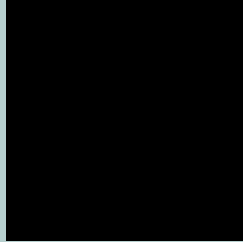
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

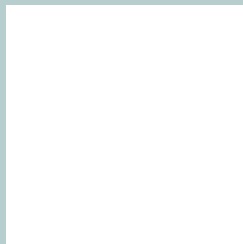
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.7448, 59.0270, 67.0059

Background



This preview shows how black text looks on a background with the XYZ color 52.7448, 59.0270, 67.0059.

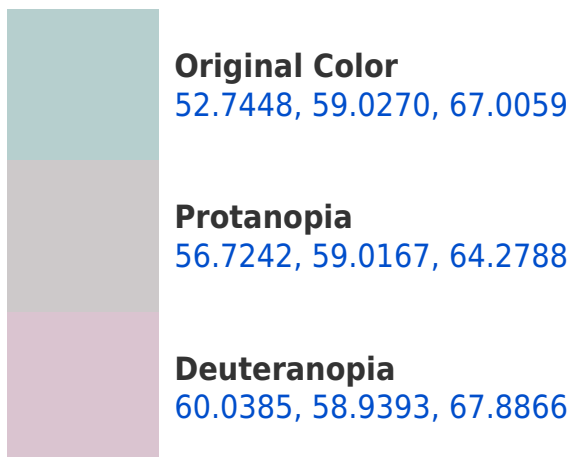


This preview shows how white text looks on a background with the XYZ color 52.7448, 59.0270,

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

54.8901, 59.1974, 76.9398

Trichromacy



Original Color

52.7448, 59.0270, 67.0059

Protanomaly

55.1614, 58.8940, 64.9603

Deuteranomaly

57.0936, 58.7927, 67.3705

Tritanomaly

54.2331, 59.2908, 73.5516

Monochromacy



Original Color

52.7448, 59.0270, 67.0059

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.7735, 57.8428, 64.2077

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.7448, 59.0270, 67.0059 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, 207, 206)` looks like.

```
.text, #text, p{  
    color:rgb(182, 207, 206)  
}
```

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, 207, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 207, 206) }
```

Border

The CSS property to change the border of an element to XYZ 52.7448, 59.0270, 67.0059 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, 207, 206) }
```


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

```
.border{ border-color:rgb(182, 207, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 207, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 207, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 207, 206);  
box-shadow:4px 4px 4px 4px rgb(182, 207,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 52.7448, 59.0270, 67.0059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 207, 206) }
```

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

```
.background{ background-color: rgb(182,  
207, 206) }
```

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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