

Converting Colors

XYZ(45.8838, 52.4807, 59.9360)

Have a look what the booklet for
XYZ(45.8838, 52.4807, 59.9360)
contains.

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Color

**XYZ(45.8838, 52.4807,
59.9360)**

Conversions

Conversions Part 1

Format	Color
Hex	A6C6C4
RGB	166, 198, 196
RGB Percent	65%, 78%, 77%
CMY	0.3490, 0.2235, 0.2314
CMYK	0.16, 0.00, 0.01, 0.22
HSL	176°, 22%, 71%
HSV	176°, 16%, 78%
XYZ	45.8838, 52.4807, 59.9360
YIQ	188.2040, -18.4300, -7.4060

Conversions

Conversions Part 2

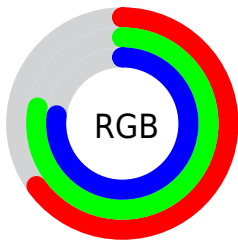
Format	Color
R _{YB}	166, 183, 198
Decimal	10929860
CIE Lab	77.57, -11.08, -2.59
CIE LCh	78, 11.373, 193.148
Yxy	52.4807, 0.2899, 0.3315
Android (android.graphics.Color)	4289119940 (0xFFA6C6C4)
YUV	188.2040, 3.8434, -19.4729
Hunter-Lab	72.4436, -13.7192, 1.6571

Details

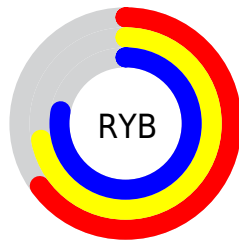
The XYZ color **45.8838, 52.4807, 59.9360** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9947, 42.1068, 42.8568**, and the grayscale version is **47.9035, 50.3982, 54.8836**.

A 20% lighter version of the original color is **83.3084, 93.9840, 106.6784**, and **21.7952, 25.4769, 29.3600** is the 20% darker color. If you saturate the color by 10%, you get **41.9084, 50.4489, 59.0177**, and if you desaturate by 10%, it is **50.5024, 54.8467, 60.8927**.

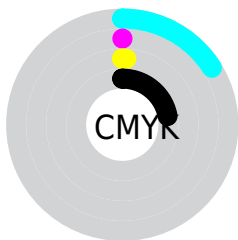
Distribution



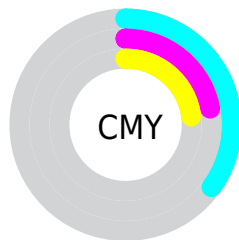
- Red (65%)
- Green (78%)
- Blue (77%)



- Red (65%)
- Yellow (72%)
- Blue (78%)



- Cyan (16%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)





- Cyan (35%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 45.8838, 52.4807, 59.9360 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 45.8838, 52.4807, 59.9360 by changing the saturation by 10% instead.


 45.8838, 52.4807,
59.9360


 45.8838, 52.4807,
59.9360


361.0651,
396.2896, 442.1599

 32.3584, 37.3884,
42.9421


 83.2740, 93.8398,
106.2793

 21.7922, 25.5083,
29.5086


 107.8695,
120.8753, 136.4657

 13.8201, 16.4562,
19.2170


136.8857,
152.6607, 171.8868

 8.0765, 9.8475,
11.6488

170.6880,
189.5804, 212.9610

 4.1962, 5.2980,
6.3854

209.6417,
232.0187, 260.1069

 1.8137, 2.4231,
3.0083

254.1122,

 0.5259, 0.8378,

280.3601, 313.7429

1.0989

304.4649,
334.9889, 374.2878

■ 0.0000, 0.0000,
0.0000

■ 45.8838, 52.4807,
59.9360

■ 45.8838, 52.4807,
59.9360

■ 41.9084, 50.4489,
59.0177

■ 50.5024, 54.8467,
60.8927

■ 38.5426, 48.7299,
58.1329

■ 55.7870, 57.5545,
61.8855

■ 35.7565, 47.3096,
57.2813

■ 61.7648, 60.6195,
62.9169

■ 33.5158, 46.1703,
56.4613

■ 68.4600, 64.0543,
63.9880

■ 31.7828, 45.2926,
55.6710

■ 72.1191, 65.9237,
64.9231

■ 30.5148, 44.6545,
54.9086

■ 72.2666, 65.9827,
65.7001

■ 29.6624, 44.2305,
54.1715

■ 72.4154, 66.0422,
66.4832

■ 29.1624, 43.9880,
53.4570

■ 72.5653, 66.1022,
67.2726

■ 29.0168, 43.9188,
53.1865

■ 72.7164, 66.1626,
68.0683

Harmonies

Analogous

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



45.9506, 52.4807, 53.7101



45.8838, 52.4807, 59.9360



46.8654, 52.4807, 65.8127

Triad

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



45.8838, 52.4807, 59.9360



52.8233, 52.4807, 66.4214



51.1147, 52.4807, 46.3388

Complementary

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



45.8838, 52.4807, 59.9360



43.9947, 42.1068, 42.8568

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.



53.0240, 52.4807, 49.2694



45.8838, 52.4807, 59.9360



54.0301, 52.4807, 60.7183

Square

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



45.8838, 52.4807, 59.9360



50.8474, 52.4807, 69.7379



54.1046, 52.4807, 54.4373



48.9276, 52.4807, 46.1632

Rectangle

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



45.8838, 52.4807, 59.9360



47.9994, 52.4807, 68.6176



54.1046, 52.4807, 54.4373



51.8118, 52.4807, 47.0240

Sweetspot

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



45.8853, 52.4829, 59.9372



90.3856, 97.6102, 108.0125



43.2555, 51.4830, 43.7348



19.2112, 20.8234, 23.0927



0.0000, 0.0000, 0.0000



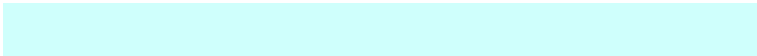
20.3446, 21.4041, 23.3091

Same Dimension

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



45.8853, 52.4829, 59.9372



78.9322, 91.7469, 105.6175



43.0887, 46.5224, 60.1373



10.9169, 12.0557, 13.5128



18.8814, 28.5649, 34.6495



0.9029, 1.3561, 1.6874

Inverse Universe

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



43.9947, 42.1068, 42.8568



75.0248, 70.3002, 70.3153



46.4679, 47.3495, 42.7676



10.6603, 10.6475, 11.1946



15.2012, 7.8300, 1.0034



0.7294, 0.3746, 0.0980

Previews

White Background



This preview shows how the XYZ color 45.8838, 52.4807, 59.9360 looks on a white background.

Color Contrast Check

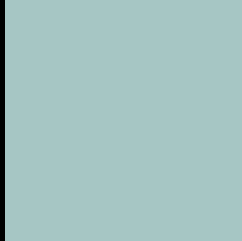
Large Text (above 18pt) WCAG AA × Fail

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 45.8838, 52.4807, 59.9360 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

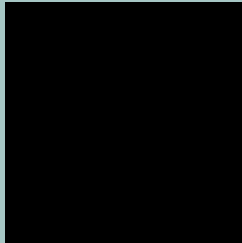
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

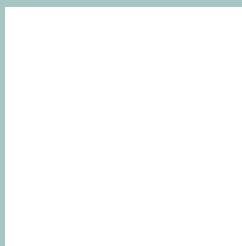
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 45.8838, 52.4807, 59.9360

Background



This preview shows how black text looks on a background with the XYZ color 45.8838, 52.4807, 59.9360.



This preview shows how white text looks on a background with the XYZ color 45.8838, 52.4807,

59.9360.

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

45.8838, 52.4807, 59.9360

Protanopia

50.1760, 52.1020, 57.2813

Deuteranopia

53.1114, 51.9433, 61.2596



Tritanopia

47.8600, 52.6180, 69.2618

Trichromacy



Original Color

45.8838, 52.4807, 59.9360

Protanomaly

48.4628, 52.1805, 57.9697

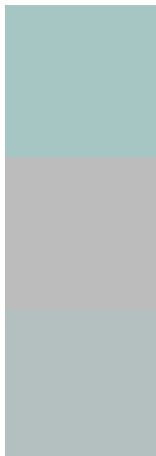
Deuteranomaly

50.0924, 51.9805, 60.8192

Tritanomaly

47.2553, 52.7136, 66.0766

Monochromacy



Original Color

45.8838, 52.4807, 59.9360

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

47.0760, 51.1642, 56.6847

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.8838, 52.4807, 59.9360 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(166, 198, 196)` looks like.

```
.text, #text, p{  
    color:rgb(166, 198, 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(166, 198, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 198, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.8838, 52.4807, 59.9360 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(166, 198, 196) }
```


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

```
.border{ border-color:rgb(166, 198, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 198, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 198, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 198, 196);  
box-shadow:4px 4px 4px 4px rgb(166, 198,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.8838, 52.4807, 59.9360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 198, 196) }
```

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

```
.background{ background-color: rgb(166,  
198, 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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