

Converting Colors

XYZ(45.0549, 50.5523, 59.8600)

Have a look what the booklet for
XYZ(45.0549, 50.5523, 59.8600)
contains.

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Color

**XYZ(45.1919, 50.7846,
59.6451)**

Conversions

Conversions Part 1

Format	Color
Hex	A7C2C4
RGB	167, 194, 196
RGB Percent	65%, 76%, 77%
CMY	0.3451, 0.2392, 0.2314
CMYK	0.15, 0.01, 0.00, 0.23
HSL	184°, 20%, 71%
HSV	184°, 15%, 77%
XYZ	45.1919, 50.7846, 59.6451
YIQ	186.1550, -16.7340, -5.1020

Conversions

Conversions Part 2

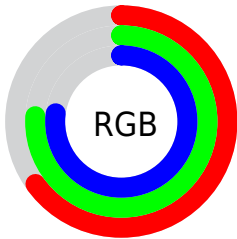
Format	Color
RYB	167, 181, 196
Decimal	10994372
CIELab	76.55, -8.66, -4.08
CIELCh	77, 9.576, 205.207
Yxy	50.7846, 0.2904, 0.3263
Android (android.graphics.Color)	4289184452 (0xFFA7C2C4)
YUV	186.1550, 4.8536, -16.7989
Hunter-Lab	71.2633, -11.5144, 0.2605

Details

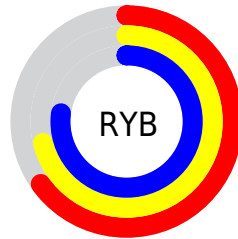
The XYZ color **45.1919, 50.7846, 59.6451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.9282, 42.9015, 42.5255**, and the grayscale version is **46.7405, 49.1747, 53.5512**.

A 20% lighter version of the original color is **82.3510, 91.6158, 106.2718**, and **21.3308, 24.3540, 29.1677** is the 20% darker color. If you saturate the color by 10%, you get **41.0624, 48.2131, 59.3672**, and if you desaturate by 10%, it is **49.9547, 53.6893, 59.9555**.

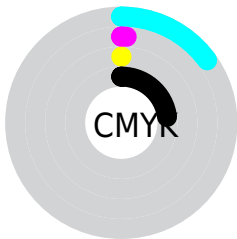
Distribution



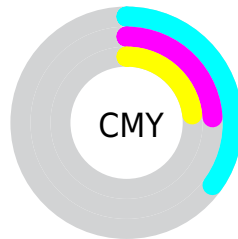
- Red (65%)
- Green (76%)
- Blue (77%)



- Red (65%)
- Yellow (71%)
- Blue (77%)



- Cyan (15%)
- Magenta (1%)
- Yellow (0%)
- Black (23%)



- Cyan (35%)
- Magenta (24%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 45.1919, 50.7846, 59.6451 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 45.1919, 50.7846, 59.6451 by changing the saturation by 10% instead.

■ 45.1919, 50.7846,
59.6451

■ 45.1919, 50.7846,
59.6451

358.3208,
389.7263, 441.0567

■ 31.8105, 36.0372,
42.7092

■ 82.2436, 91.3363,
105.8530

■ 21.3717, 24.4629,
29.3273

■ 106.6446,
117.9094, 135.9621

■ 13.5100, 15.6774,
19.0809

135.4496,
149.1932, 171.2993

■ 7.8600, 9.2962,
11.5513

169.0238,
185.5721, 212.2832

■ 4.0566, 4.9349,
6.3201

207.7327,
227.4304, 259.3324

■ 1.7342, 2.2091,
2.9688

251.9416,

■ 0.4775, 0.7249,

275.1527, 312.8653

1.0787

302.0159,
329.1232, 373.3006

■ 0.0000, 0.0000,
0.0000

■ 45.1919, 50.7846,
59.6451

■ 45.1919, 50.7846,
59.6451

■ 41.0624, 48.2131,
59.3672

■ 49.9547, 53.6893,
59.9555

■ 37.5335, 45.9540,
59.1172

■ 55.3727, 56.9344,
60.2964

■ 34.5765, 43.9937,
58.8946

■ 61.4723, 60.5350,
60.6699

■ 32.1584, 42.3153,
58.6981

■ 68.2770, 64.5032,
61.0771

■ 30.2428, 40.8999,
58.5259

■ 72.0331, 66.9039,
61.3426

■ 28.7890, 39.7266,
58.3760

■ 72.3487, 67.5350,
61.4477

■ 27.7497, 38.7709,
58.2463

■ 72.6670, 68.1716,
61.5538

■ 27.0676, 38.0034,
58.1341

■ 72.9881, 68.8138,
61.6609

■ 26.7952, 37.6481,
58.0799

■ 73.3120, 69.4616,
61.7688

Harmonies

Analogous

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



44.8874, 50.7846, 54.4682



45.1919, 50.7846, 59.6451



46.3127, 50.7846, 63.8811

Triad

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



45.1919, 50.7846, 59.6451



51.1806, 50.7846, 61.1733



48.5603, 50.7846, 45.9565

Complementary

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



45.1919, 50.7846, 59.6451



43.9282, 42.9015, 42.5255

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.



50.2801, 50.7846, 47.5164



45.1919, 50.7846, 59.6451



51.8168, 50.7846, 56.1318

Square

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



45.1919, 50.7846, 59.6451



49.7649, 50.7846, 64.8012



51.4832, 50.7846, 51.1632



46.8038, 50.7846, 46.7685

Rectangle

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



45.1919, 50.7846, 59.6451



47.3871, 50.7846, 65.4907



51.4832, 50.7846, 51.1632



49.1622, 50.7846, 46.2180

Sweetspot

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



45.1934, 50.7867, 59.6462



91.1728, 97.6692, 108.6545



42.8322, 50.5583, 45.0053



19.3634, 20.8139, 23.2469



0.0000, 0.0000, 0.0000



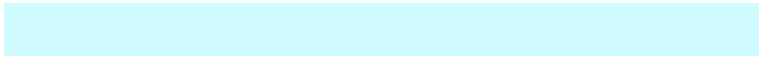
20.3446, 21.4041, 23.3091

Same Dimension

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



45.1934, 50.7867, 59.6462



79.1327, 90.3096, 107.8685



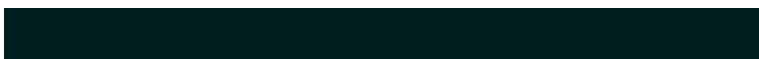
42.1348, 44.6697, 58.6267



10.3073, 11.3058, 12.9238



17.2427, 24.2419, 37.3270



0.7631, 1.0837, 1.6188

Inverse Universe

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



46.3224, 43.2692, 56.9518



81.6102, 73.9281, 101.9300



46.7638, 48.5726, 43.4707



10.4664, 10.2352, 12.5465



20.0993, 9.7295, 29.4986



0.8776, 0.4240, 1.3228

Previews

White Background



This preview shows how the XYZ color 45.1919, 50.7846, 59.6451 looks on a white background.

Color Contrast Check

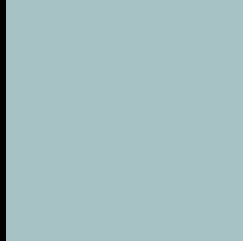
Large Text (above 18pt) WCAG AA × Fail

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 45.1919, 50.7846, 59.6451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

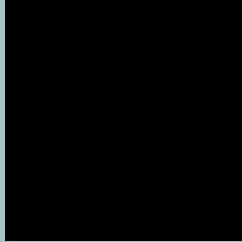
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 45.1919, 50.7846, 59.6451

Background



This preview shows how black text looks on a background with the XYZ color 45.1919, 50.7846, 59.6451.



This preview shows how white text looks on a background with the XYZ color 45.1919, 50.7846,

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

45.1919, 50.7846, 59.6451

Protanopia

48.9835, 50.8486, 57.1022

Deuteranopia

51.4836, 50.5007, 60.4602



Tritanopia

46.5970, 50.6884, 67.0024

Trichromacy



Original Color

45.1919, 50.7846, 59.6451

Protanomaly

47.3305, 50.6223, 57.7286

Deuteranomaly

48.8346, 50.3907, 59.9758

Tritanomaly

46.1175, 50.8244, 64.5062

Monochromacy



Original Color

45.1919, 50.7846, 59.6451

Achromatopsia

46.6715, 49.1021, 53.4722

Achromatomaly

46.0823, 49.6966, 55.8788

CSS Examples

Text

The CSS property to change the color of the text to XYZ 45.1919, 50.7846, 59.6451 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(167, 194, 196)` looks like.

```
.text, #text, p{  
    color:rgb(167, 194, 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(167, 194, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 194, 196) }
```

Border

The CSS property to change the border of an element to XYZ 45.1919, 50.7846, 59.6451 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(167, 194, 196) }
```


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

```
.border{ border-color:rgb(167, 194, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 194, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 194, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 194, 196);  
box-shadow:4px 4px 4px 4px rgb(167, 194,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 45.1919, 50.7846, 59.6451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 194, 196) }
```

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

```
.background{ background-color: rgb(167,  
194, 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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