

Converting Colors

XYZ(43.4768, 52.1179, 66.7998)

Have a look what the booklet for
XYZ(43.4768, 52.1179, 66.7998)
contains.

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Color

**XYZ(43.4768, 52.1179,
66.7998)**

Conversions

Conversions Part 1

Format	Color
Hex	8FC9CF
RGB	143, 201, 207
RGB Percent	56%, 79%, 81%
CMY	0.4392, 0.2118, 0.1882
CMYK	0.31, 0.03, 0.00, 0.19
HSL	186°, 40%, 69%
HSV	186°, 31%, 81%
XYZ	43.4768, 52.1179, 66.7998
YIQ	184.3420, -36.4940, -10.4300

Conversions

Conversions Part 2

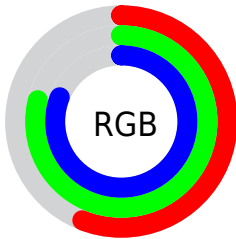
Format	Color
RYB	143, 173, 207
Decimal	9423311
CIELab	77.35, -17.13, -8.99
CIELCh	77, 19.343, 207.702
Yxy	52.1179, 0.2677, 0.3209
Android (android.graphics.Color)	4287613391 (0xFF8FC9CF)
YUV	184.3420, 11.1704, -36.2569
Hunter-Lab	72.1927, -18.8388, -4.3260

Details

The XYZ color **43.4768, 52.1179, 66.7998** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4382, 36.7439, 30.8960**, and the grayscale version is **45.7048, 48.0851, 52.3646**.

A 20% lighter version of the original color is **77.3632, 90.8821, 108.0723**, and **20.3999, 25.3410, 33.9531** is the 20% darker color. If you saturate the color by 10%, you get **39.7697, 49.5410, 66.4987**, and if you desaturate by 10%, it is **47.8539, 55.0513, 67.1362**.

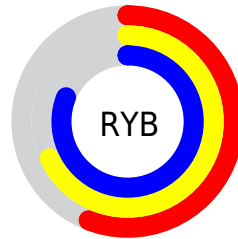
Distribution



Red (56%)

Green (79%)

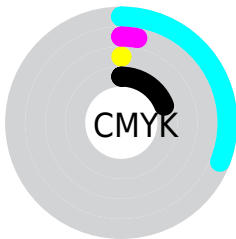
Blue (81%)



Red (56%)

Yellow (68%)

Blue (81%)

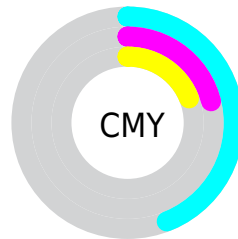


Cyan (31%)

Magenta (3%)

Yellow (0%)

Black (19%)



Cyan (44%)


Magenta (21%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.4768, 52.1179, 66.7998 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 43.4768, 52.1179, 66.7998 by changing the saturation by 10% instead.


 43.4768, 52.1179,
66.7998


 43.4768, 52.1179,
66.7998


351.4573,
394.8916, 467.7139

 30.4555, 37.0991,
48.4614


 79.6811, 93.3051,
116.2714

 20.3344, 25.2842,
33.8298


 103.5949,
120.2422, 148.2417

 12.7480, 16.2889,
22.4866


131.8702,
151.9209, 185.5930

 7.3311, 9.7288,
14.0131

164.8724,
188.7256, 228.7439

 3.7182, 5.2195,
7.9910

202.9668,
231.0406, 278.1129

 1.5440, 2.3766,
4.0015

246.5189,

 0.3555, 0.8138,

279.2503, 334.1185

1.6262

295.8940,
333.7392, 397.1793

■ 0.0000, 0.0000,
0.3094

■ 0.0000, 0.0000,
0.0000

■ 43.4768, 52.1179,
66.7998

■ 43.4768, 52.1179,
66.7998

■ 39.7697, 49.5410,
66.4987

■ 47.8539, 55.0513,
67.1362

■ 36.6916, 47.2955,
66.2275

■ 52.9300, 58.3522,
67.5058

■ 34.2040, 45.3628,
65.9855

■ 58.7381, 62.0391,
67.9113

■ 32.2623, 43.7199,
65.7708

■ 65.3075, 66.1270,
68.3541

■ 30.8157, 42.3406,
65.5808

■ 72.6662, 70.6303,
68.8355

■ 29.8034, 41.1936,
65.4127

■ 76.2073, 73.1743,
69.1399

■ 29.1610, 40.3017,
65.2745

■ 76.6971, 74.1540,
69.3032

■ 77.1928, 75.1453,
69.4684

■ 77.6943, 76.1484,
69.6356

Harmonies

Analogous

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



42.7357, 52.1179, 55.9310



43.4768, 52.1179, 66.7998



45.8165, 52.1179, 75.8579

Triad

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



43.4768, 52.1179, 66.7998



55.8238, 52.1179, 68.3968



49.8236, 52.1179, 38.6610

Complementary

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



43.4768, 52.1179, 66.7998



41.4382, 36.7439, 30.8960

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.



53.4526, 52.1179, 41.1508



43.4768, 52.1179, 66.7998



57.0230, 52.1179, 57.5720

Square

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



43.4768, 52.1179, 66.7998



52.9322, 52.1179, 76.8579



56.1346, 52.1179, 47.7580



46.2892, 52.1179, 40.4921

Rectangle

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



43.4768, 52.1179, 66.7998



48.0304, 52.1179, 79.1768



56.1346, 52.1179, 47.7580



51.0738, 52.1179, 39.0128

Sweetspot

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



43.4783, 52.1200, 66.8010



86.4226, 94.5396, 108.3007



39.0133, 52.6150, 36.2561



18.2194, 20.0569, 23.1611



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.



43.4783, 52.1200, 66.8010



65.6813, 80.7684, 106.7358



36.9036, 38.9704, 64.6094



12.0597, 13.2097, 15.1578



18.4099, 25.4665, 41.1377



1.0576, 1.4804, 2.3096

Inverse Universe

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



46.0985, 37.1286, 59.9975



70.5826, 53.2911, 93.8820



47.0797, 48.0269, 32.7765



12.2610, 11.9892, 14.6504



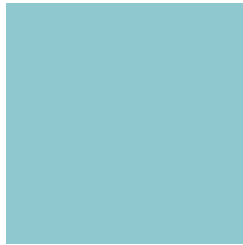
21.9232, 10.6421, 30.8315



1.2401, 0.6007, 1.7989

Previews

White Background



This preview shows how the XYZ color 43.4768, 52.1179, 66.7998 looks on a white background.

Color Contrast Check

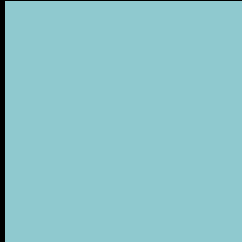
Large Text (above 18pt) WCAG AA × Fail

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 43.4768, 52.1179, 66.7998 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 43.4768, 52.1179, 66.7998

Background



This preview shows how black text looks on a background with the XYZ color 43.4768, 52.1179, 66.7998.



This preview shows how white text looks on a background with the XYZ color 43.4768, 52.1179,

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

43.4768, 52.1179, 66.7998

Protanopia

50.1088, 51.6417, 61.9704

Deuteranopia

52.8012, 51.6304, 68.1555



Tritanopia

44.7260, 52.2862, 72.7007

Trichromacy



Original Color

43.4768, 52.1179, 66.7998

Protanomaly

47.3050, 51.4504, 63.9376

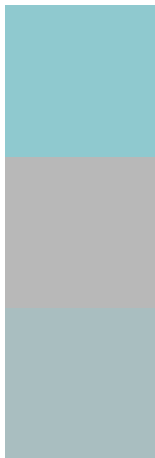
Deuteranomaly

48.7298, 51.4488, 67.6839

Tritanomaly

44.1661, 52.0419, 70.6681

Monochromacy



Original Color

43.4768, 52.1179, 66.7998

Achromatopsia

45.5594, 47.9320, 52.1980

Achromatomaly

44.2901, 49.0677, 57.0058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.4768, 52.1179, 66.7998 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(143, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(143, 201, 207)  
}
```

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(143, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 43.4768, 52.1179, 66.7998 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(143, 201, 207) }
```


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

```
.border{ border-color:rgb(143, 201, 207) }
```

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

Here you see how a box with a 4 pixel rgb(143, 201, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 201, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 201, 207);  
box-shadow:4px 4px 4px 4px rgb(143, 201,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 43.4768, 52.1179, 66.7998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 201, 207) }
```

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

```
.background{ background-color: rgb(143,  
201, 207) }
```

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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