

Converting Colors

XYZ(38.5570, 52.1173, 48.0719)

Have a look what the booklet for
XYZ(38.5570, 52.1173, 48.0719)
contains.

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Color

**XYZ(38.5570, 52.1173,
48.0719)**

Conversions

Conversions Part 1

Format	Color
Hex	7ECFAE
RGB	126, 207, 174
RGB Percent	49%, 81%, 68%
CMY	0.5059, 0.1882, 0.3176
CMYK	0.39, 0.00, 0.16, 0.19
HSL	156°, 46%, 65%
HSV	156°, 39%, 81%
XYZ	38.5570, 52.1173, 48.0719
YIQ	179.0190, -37.6830, -27.4350

Conversions

Conversions Part 2

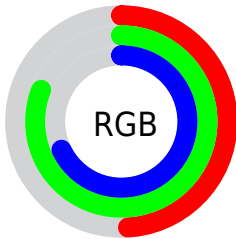
Format	Color
RYB	126, 177, 207
Decimal	8310702
CIELab	77.35, -32.24, 8.66
CIElCh	77, 33.384, 164.967
Yxy	52.1173, 0.2779, 0.3756
Android (android.graphics.Color)	4286500782 (0xFF7ECFAE)
YUV	179.0190, -2.4744, -46.4977
Hunter-Lab	72.1923, -31.0020, 11.0542

Details

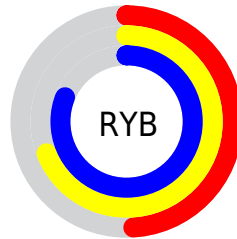
The XYZ color **38.5570, 52.1173, 48.0719** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **39.4528, 30.6916, 36.6476**, and the grayscale version is **42.8862, 45.1196, 49.1353**.

A 20% lighter version of the original color is **69.1943, 87.1222, 87.2981**, and **17.4136, 25.2393, 22.3662** is the 20% darker color. If you saturate the color by 10%, you get **35.0183, 50.3865, 43.7488**, and if you desaturate by 10%, it is **42.7817, 54.1986, 52.6989**.

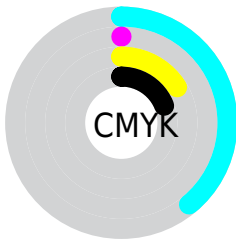
Distribution



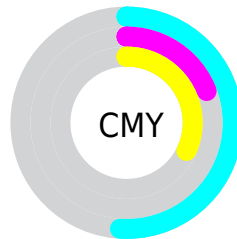
- Red (49%)
- Green (81%)
- Blue (68%)



- Red (49%)
- Yellow (69%)
- Blue (81%)



- Cyan (39%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)




- Cyan (51%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5570, 52.1173, 48.0719 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 38.5570, 52.1173, 48.0719 by changing the saturation by 10% instead.


 38.5570, 52.1173,
48.0719


 38.5570, 52.1173,
48.0719


331.2430,
394.8893, 395.5940


 26.5944, 37.0986,
33.5234


 72.2595, 93.3042,
88.6781

 17.4039, 25.2838,
22.2533


 94.7301, 120.2412,
115.5729

 10.6200, 16.2886,
13.8431


 121.4342,
151.9197, 147.4203

 5.8773, 9.7286,
7.8741

152.7370,
188.7242, 184.6387

 2.8106, 5.2194,
3.9279

189.0039,
231.0390, 227.6468

 1.0544, 2.3766,
1.5859

230.6004,

 0.0000, 0.8138,

279.2485, 276.8630

0.2807

277.8916,
333.7371, 332.7059

■ 0.0000, 0.0000,
0.0000

■ 38.5570, 52.1173,
48.0719

■ 38.5570, 52.1173,
48.0719

■ 35.0183, 50.3865,
43.7488

■ 42.7817, 54.1986,
52.6989

■ 32.1213, 48.9792,
39.7192

■ 47.7250, 56.6429,
57.6327

■ 29.8226, 47.8746,
35.9773


■ 53.4224, 59.4697,
62.8808


■ 28.0718, 47.0468,
32.5154


■ 59.9056, 62.6954,
68.4492


■ 26.8092, 46.4652,
29.3254

■ 67.2048, 66.3354,
74.3437


 25.9365, 46.0793,
26.3971

 75.3482, 70.4041,
80.5700

 25.8680, 46.0493,
26.1542

 78.2673, 71.7730,
86.8484

 79.5017, 72.2667,
93.3485

 80.7945, 72.7839,
100.1561

Harmonies

Analogous

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



41.3236, 52.1173, 35.2508



38.5570, 52.1173, 48.0719



38.5539, 52.1173, 66.3635

Triad

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



38.5570, 52.1173, 48.0719



52.7889, 52.1173, 98.1520



58.7814, 52.1173, 35.2719

Complementary

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



38.5570, 52.1173, 48.0719



39.4528, 30.6916, 36.6476

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.



62.4274, 52.1173, 48.1073



38.5570, 52.1173, 48.0719



58.7700, 52.1173, 85.5755

Square

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



38.5570, 52.1173, 48.0719



46.4062, 52.1173, 98.1368



62.4231, 52.1173, 66.4073



52.8033, 52.1173, 29.0197

Rectangle

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



38.5570, 52.1173, 48.0719



40.1035, 52.1173, 79.4845



62.4231, 52.1173, 66.4073



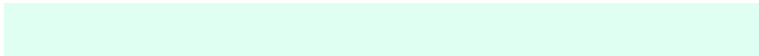
60.3423, 52.1173, 38.8204

Sweetspot

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



38.5584, 52.1194, 48.0731



82.7318, 93.8742, 98.1836



40.5277, 53.5821, 27.9457



17.4450, 19.9624, 20.7754



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.



38.5584, 52.1194, 48.0731



56.9371, 81.1478, 71.1630



40.5806, 50.3672, 66.6171



11.9460, 13.3222, 14.0722



16.3453, 29.0310, 16.7303



0.9528, 1.6388, 1.1399

Inverse Universe

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



39.4528, 30.6916, 36.6476



58.5746, 42.0897, 50.3733



37.8529, 31.4797, 23.8205



12.0055, 11.8869, 13.3049



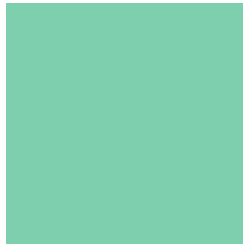
17.2733, 8.7821, 6.3452



1.0047, 0.5066, 0.5598

Previews

White Background



This preview shows how the XYZ color 38.5570, 52.1173, 48.0719 looks on a white background.

Color Contrast Check

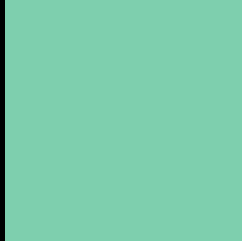
Large Text (above 18pt) WCAG AA × Fail

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 38.5570, 52.1173, 48.0719 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 38.5570, 52.1173, 48.0719

Background



This preview shows how black text looks on a background with the XYZ color 38.5570, 52.1173, 48.0719.



This preview shows how white text looks on a background with the XYZ color 38.5570, 52.1173,

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

38.5570, 52.1173, 48.0719

Protanopia

48.7582, 51.6856, 43.0038

Deuteranopia

52.7177, 51.6818, 49.8449



Tritanopia

43.5644, 52.0173, 73.3899

Trichromacy



Original Color

38.5570, 52.1173, 48.0719



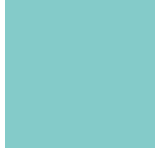
Protanomaly

43.8211, 51.0777, 44.5951



Deuteranomaly

45.8415, 50.6974, 48.9644



Tritanomaly

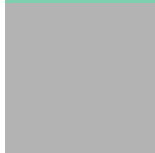
41.4143, 51.8345, 63.0806

Monochromacy



Original Color

38.5570, 52.1173, 48.0719



Achromatopsia

42.8472, 45.0786, 49.0906



Achromatomaly

40.6306, 47.0431, 48.5337

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5570, 52.1173, 48.0719 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(126, 207, 174)` looks like.

```
.text, #text, p{  
    color:rgb(126, 207, 174)  
}
```

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(126, 207, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 207, 174) }
```

Border

The CSS property to change the border of an element to XYZ 38.5570, 52.1173, 48.0719 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(126, 207, 174) }
```


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

```
.border{ border-color:rgb(126, 207, 174) }
```

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

Here you see how a box with a 4 pixel rgb(126, 207, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 207, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 207, 174);  
box-shadow:4px 4px 4px 4px rgb(126, 207,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5570, 52.1173, 48.0719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 207, 174) }
```

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

```
.background{ background-color: rgb(126,  
207, 174) }
```

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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