

Converting Colors

XYZ(38.3582, 46.8300, 53.9127)

Have a look what the booklet for
XYZ(38.3582, 46.8300, 53.9127)
contains.

XYZ(38.3005, 46.6904, 54.0072)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(38.3005, 46.6904,
54.0072)**

Conversions

Conversions Part 1

Format	Color
Hex	8AC0BB
RGB	138, 192, 187
RGB Percent	54%, 75%, 73%
CMY	0.4588, 0.2470, 0.2667
CMYK	0.28, 0.00, 0.03, 0.25
HSL	174°, 30%, 65%
HSV	174°, 28%, 75%
XYZ	38.3005, 46.6904, 54.0072
YIQ	175.2840, -30.5790, -13.0030

Conversions

Conversions Part 2

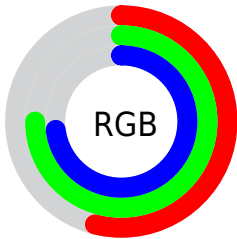
Format	Color
RYB	138, 166, 192
Decimal	9093307
CIELab	73.99, -18.58, -3.16
CIELCh	74, 18.849, 189.649
Yxy	46.6904, 0.2755, 0.3359
Android (android.graphics.Color)	4287283387 (0xFF8AC0BB)
YUV	175.2840, 5.7760, -32.6981
Hunter-Lab	68.3304, -19.5254, 0.9694

Details

The XYZ color **38.3005, 46.6904, 54.0072** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.7863, 31.3679, 30.1569**, and the grayscale version is **40.8781, 43.0069, 46.8345**.

A 20% lighter version of the original color is **72.0457, 85.5599, 97.5115**, and **17.2293, 21.8766, 25.8688** is the 20% darker color. If you saturate the color by 10%, you get **35.2115, 45.1210, 52.8757**, and if you desaturate by 10%, it is **41.9561, 48.5540, 55.1795**.

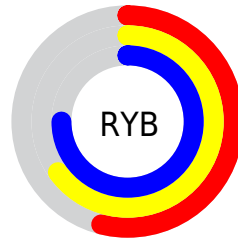
Distribution



Red (54%)

Green (75%)

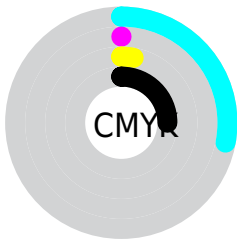
Blue (73%)



Red (54%)

Yellow (65%)

Blue (75%)

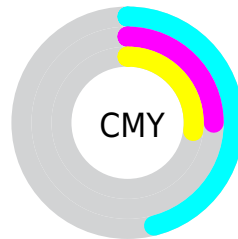


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (25%)



Cyan (46%)


Magenta (25%)

Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.3005, 46.6904, 54.0072 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 38.3005, 46.6904, 54.0072 by changing the saturation by 10% instead.


 38.3005, 46.6904,
54.0072


 38.3005, 46.6904,
54.0072


330.1659,
373.5774, 419.3129

 26.3943, 32.7910,
38.2142


 71.8694, 85.2513,
97.5413

 17.2531, 21.9664,
25.8459


 94.2628, 110.6816,
126.1195

 10.5115, 13.8322,
16.4836


 120.8827,
140.7242, 159.7966

 5.8042, 8.0040,
9.7090

152.0943,
175.7637, 198.9909

 2.7659, 4.0975,
5.1034

188.2631,
216.1843, 244.1212

 1.0312, 1.7283,
2.2482

229.7544,

 0.0000, 0.4419,

262.3706, 295.6059

0.7020

276.9335,
314.7068, 353.8636

■ 0.0000, 0.0000,
0.0000

■ 38.3005, 46.6904,
54.0072

■ 38.3005, 46.6904,
54.0072

■ 35.2115, 45.1210,
52.8757

■ 41.9561, 48.5540,
55.1795

■ 32.6556, 43.8250,
51.7804

■ 46.2017, 50.7202,
56.3908

■ 30.6017, 42.7875,
50.7209

■ 51.0642, 53.2043,
57.6434

■ 29.0140, 41.9901,
49.6954

■ 56.5678, 56.0185,
58.9384

■ 27.8521, 41.4119,
48.7019

■ 62.7353, 59.1747,
60.2769

■ 27.0684, 41.0284,
47.7382

■ 69.5883, 62.6841,
61.6601

■ 26.5894, 40.8017,
46.8008

■ 70.4518, 63.1054,
62.7755

■ 26.5117, 40.7654,
46.6270

■ 70.6602, 63.1888,
63.8729

■ 70.8710, 63.2731,
64.9830

Harmonies

Analogous

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



38.5843, 46.6904, 44.6628



38.3005, 46.6904, 54.0072



39.5806, 46.6904, 63.6007

Triad

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



38.3005, 46.6904, 54.0072



48.6353, 46.6904, 66.4801



46.6659, 46.6904, 35.3698

Complementary

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



38.3005, 46.6904, 54.0072



35.7863, 31.3679, 30.1569

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.



49.5478, 46.6904, 39.9081



38.3005, 46.6904, 54.0072



50.7241, 46.6904, 57.5575

Square

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



38.3005, 46.6904, 54.0072



45.4711, 46.6904, 71.3790



51.0662, 46.6904, 47.7951



43.3022, 46.6904, 34.6721

Rectangle

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



38.3005, 46.6904, 54.0072



41.1884, 46.6904, 68.5616



51.0662, 46.6904, 47.7951



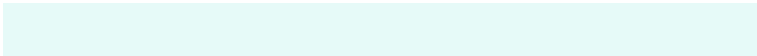
47.7278, 46.6904, 36.4666

Sweetspot

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



38.3019, 46.6923, 54.0083



83.7089, 91.8972, 102.1720



34.8356, 45.4116, 30.9749



17.6924, 19.5792, 21.8467



92.9021, 97.7402, 106.4391



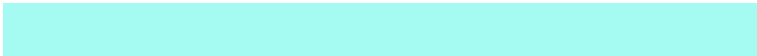
19.4759, 20.4902, 22.3138

Same Dimension

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



38.3019, 46.6923, 54.0083



65.6893, 82.7139, 96.5306



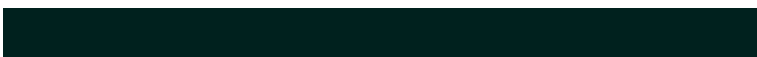
34.4469, 38.1102, 55.4118



10.3270, 11.4119, 12.7253



17.8541, 27.4357, 31.4544



0.7834, 1.1902, 1.4220

Inverse Universe

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



35.7863, 31.3679, 30.1569



60.3557, 50.2016, 45.9449



38.8288, 38.0461, 29.3428



10.1103, 10.0927, 10.6711



14.7129, 7.5749, 1.1342



0.6488, 0.3325, 0.1182

Previews

White Background



This preview shows how the XYZ color 38.3005, 46.6904, 54.0072 looks on a white background.

Color Contrast Check

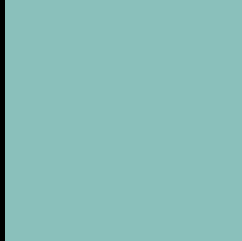
Large Text (above 18pt) WCAG AA × Fail

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 38.3005, 46.6904, 54.0072 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

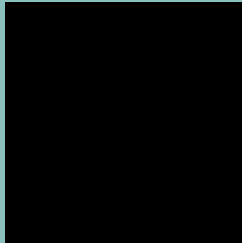
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3005, 46.6904, 54.0072

Background



This preview shows how black text looks on a background with the XYZ color 38.3005, 46.6904, 54.0072.

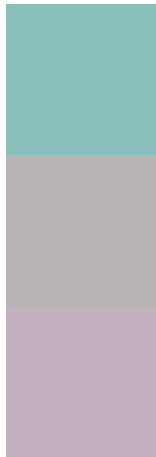


This preview shows how white text looks on a background with the XYZ color 38.3005, 46.6904,

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

38.3005, 46.6904, 54.0072

Protanopia

44.5671, 46.2521, 49.7586

Deuteranopia

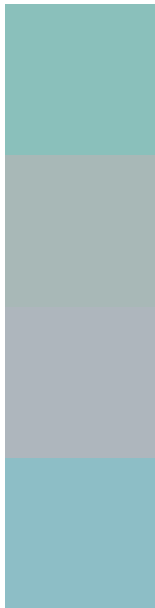
47.3253, 46.3705, 55.1713



Tritanopia

40.3724, 46.5538, 64.6155

Trichromacy



Original Color

38.3005, 46.6904, 54.0072

Protanomaly

41.8362, 46.0247, 51.4784

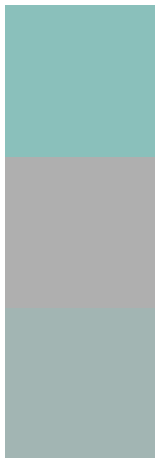
Deuteranomaly

43.3688, 46.1287, 54.7621

Tritanomaly

39.5910, 46.5668, 60.3277

Monochromacy



Original Color

38.3005, 46.6904, 54.0072

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.5608, 43.9838, 49.0525

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3005, 46.6904, 54.0072 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(138, 192, 187)` looks like.

```
.text, #text, p{  
    color:rgb(138, 192, 187)  
}
```

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(138, 192, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 192, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.3005, 46.6904, 54.0072 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(138, 192, 187) }
```


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

```
.border{ border-color:rgb(138, 192, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 192, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(138, 192, 187); -webkit-box-shadow:4px 4px 4px 4px rgb(138, 192, 187); box-shadow:4px 4px 4px 4px rgb(138, 192, 187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3005, 46.6904, 54.0072 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 192, 187) }
```

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

```
.background{ background-color: rgb(138,  
192, 187) }
```

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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