

Converting Colors

XYZ(38.4801, 48.1349, 54.1837)

Have a look what the booklet for
XYZ(38.4801, 48.1349, 54.1837)
contains.

XYZ(38.5411, 48.1360, 54.2736)	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(38.5411, 48.1360,
54.2736)**

Conversions

Conversions Part 1

Format	Color
Hex	86C4BB
RGB	134, 196, 187
RGB Percent	53%, 77%, 73%
CMY	0.4745, 0.2314, 0.2667
CMYK	0.32, 0.00, 0.05, 0.23
HSL	171°, 34%, 65%
HSV	171°, 32%, 77%
XYZ	38.5411, 48.1360, 54.2736
YIQ	176.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

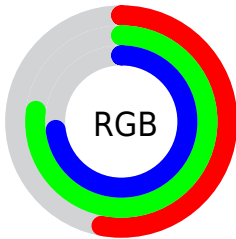
Format	Color
RYB	134, 167, 196
Decimal	8832187
CIELab	74.91, -21.77, -1.83
CIElCh	75, 21.851, 184.815
Yxy	48.1360, 0.2734, 0.3415
Android (android.graphics.Color)	4287022267 (0xFF86C4BB)
YUV	176.4360, 5.2081, -37.2164
Hunter-Lab	69.3801, -22.2573, 2.1856

Details

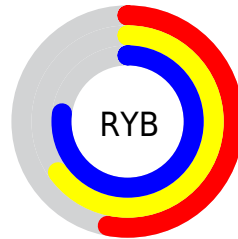
The XYZ color **38.5411, 48.1360, 54.2736** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.2496, 30.7705, 30.0172**, and the grayscale version is **41.4819, 43.6422, 47.5264**.

A 20% lighter version of the original color is **72.2892, 87.5404, 97.8810**, and **17.3694, 22.8166, 26.0428** is the 20% darker color. If you saturate the color by 10%, you get **35.4007, 46.5531, 52.5528**, and if you desaturate by 10%, it is **42.2693, 50.0236, 56.0555**.

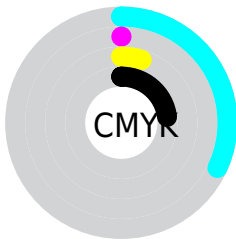
Distribution



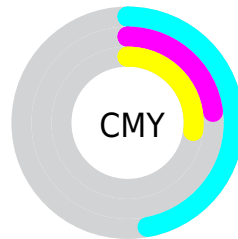
- Red (53%)
- Green (77%)
- Blue (73%)



- Red (53%)
- Yellow (65%)
- Blue (77%)



- Cyan (32%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)





- Cyan (47%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 38.5411, 48.1360, 54.2736 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 38.5411, 48.1360, 54.2736 by changing the saturation by 10% instead.


 38.5411, 48.1360,
54.2736


 38.5411, 48.1360,
54.2736


331.1763,
379.3309, 420.3566


 26.5820, 33.9346,
38.4258


 72.2353, 87.4069,
97.9363

 17.3945, 22.8434,
26.0089


 94.7012, 113.2451,
126.5883

 10.6132, 14.4779,
16.6045

 121.4000,
143.7311, 160.3453

 5.8728, 8.4538,
9.7939

152.6972,
179.2492, 199.6261

 2.8078, 4.3867,
5.1587

188.9581,
220.1839, 244.8490

 1.0529, 1.8921,
2.2803

230.5480,

 0.0000, 0.5436,

266.9194, 296.4327

0.7202

277.8323,
319.8403, 354.7957

■ 0.0000, 0.0000,
0.0000

■ 38.5411, 48.1360,
54.2736

■ 38.5411, 48.1360,
54.2736

■ 35.4007, 46.5531,
52.5528

■ 42.2693, 50.0236,
56.0555

■ 32.8118, 45.2527,
50.8882

■ 46.6108, 52.2255,
57.8967

■ 30.7407, 44.2185,
49.2790

■ 51.5945, 54.7577,
59.7998

■ 29.1482, 43.4303,
47.7231

■ 57.2463, 57.6337,
61.7663

■ 27.9891, 42.8649,
46.2183

■ 63.5907, 60.8659,
63.7974

■ 27.2101, 42.4947,
44.7620

■ 70.6509, 64.4665,
65.8944

■ 26.7663, 42.2917,
43.5765

■ 72.2337, 65.2427,
67.7677

■ 72.5847, 65.3831,
69.6160

■ 72.9420, 65.5260,
71.4975

Harmonies

Analogous

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



39.1693, 48.1360, 43.6268



38.5411, 48.1360, 54.2736



39.7515, 48.1360, 65.9490

Triad

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



38.5411, 48.1360, 54.2736



50.2622, 48.1360, 72.5460



49.0866, 48.1360, 34.9732

Complementary

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



38.5411, 48.1360, 54.2736



36.2496, 30.7705, 30.0172

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.



52.3275, 48.1360, 40.8669



38.5411, 48.1360, 54.2736



53.0333, 48.1360, 62.3037

Square

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



38.5411, 48.1360, 54.2736



46.3973, 48.1360, 77.4287



53.8101, 48.1360, 50.5933



45.1123, 48.1360, 33.4634

Rectangle

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



38.5411, 48.1360, 54.2736



41.4819, 48.1360, 72.4454



53.8101, 48.1360, 50.5933



50.3052, 48.1360, 36.4607

Sweetspot

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



38.5425, 48.1379, 54.2747



86.5730, 95.6914, 105.7271



35.4242, 47.0695, 29.7735



18.2568, 20.3431, 22.5221



0.0000, 0.0000, 0.0000



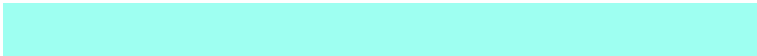
20.3446, 21.4041, 23.3091

Same Dimension

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



38.5425, 48.1379, 54.2747



65.7471, 85.1460, 96.1345



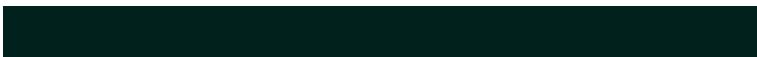
34.9909, 39.4437, 57.9959



10.3036, 11.4025, 12.6022



17.2225, 27.1831, 28.1284



0.7617, 1.1815, 1.3078

Inverse Universe

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



36.2496, 30.7705, 30.0172



60.9466, 48.7329, 45.3091



38.9078, 37.1349, 27.6723



10.1315, 10.1012, 10.7828



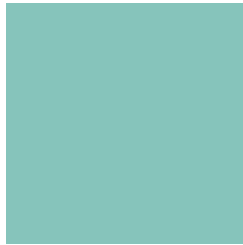
14.7854, 7.6039, 1.5162



0.6584, 0.3364, 0.1684

Previews

White Background



This preview shows how the XYZ color 38.5411, 48.1360, 54.2736 looks on a white background.

Color Contrast Check

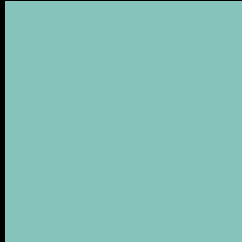
Large Text (above 18pt) WCAG AA × Fail

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 38.5411, 48.1360, 54.2736 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

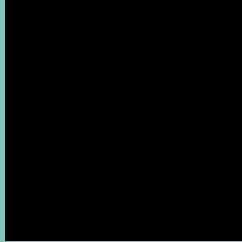
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.5411, 48.1360, 54.2736

Background



This preview shows how black text looks on a background with the XYZ color 38.5411, 48.1360, 54.2736.

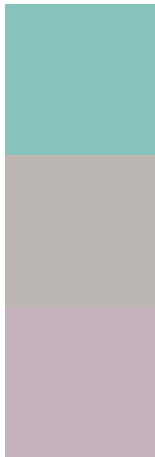


This preview shows how white text looks on a background with the XYZ color 38.5411, 48.1360,

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

38.5411, 48.1360, 54.2736

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

48.6131, 47.6081, 55.9173



Tritanopia

41.1026, 48.1830, 66.8084

Trichromacy



Original Color

38.5411, 48.1360, 54.2736

Protanomaly

42.5752, 47.6687, 51.2130

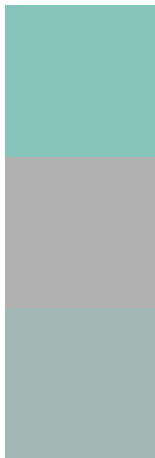
Deuteranomaly

44.3224, 47.5296, 55.5533

Tritanomaly

40.0336, 48.0721, 61.8124

Monochromacy



Original Color

38.5411, 48.1360, 54.2736

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

39.8696, 44.7393, 49.7142

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.5411, 48.1360, 54.2736 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(134, 196, 187)` looks like.

```
.text, #text, p{  
    color:rgb(134, 196, 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(134, 196, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 196, 187) }
```

Border

The CSS property to change the border of an element to XYZ 38.5411, 48.1360, 54.2736 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(134, 196, 187) }
```


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

```
.border{ border-color:rgb(134, 196, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 196, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 196, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 196, 187);  
box-shadow:4px 4px 4px 4px rgb(134, 196,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 38.5411, 48.1360, 54.2736 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 196, 187) }
```

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

```
.background{ background-color: rgb(134,  
196, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor