

Converting Colors

XYZ(34.5541, 38.3841, 50.0427)

Have a look what the booklet for
XYZ(34.5541, 38.3841, 50.0427)
contains.

XYZ(34.5080, 38.4325, 49.8554)	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(34.5080, 38.4325,
49.8554)**

Conversions

Conversions Part 1

Format	Color
Hex	90ABB6
RGB	144, 171, 182
RGB Percent	56%, 67%, 71%
CMY	0.4353, 0.3294, 0.2863
CMYK	0.21, 0.06, 0.00, 0.29
HSL	197°, 21%, 64%
HSV	197°, 21%, 71%
XYZ	34.5080, 38.4325, 49.8554
YIQ	164.1810, -19.6230, -2.3030

Conversions

Conversions Part 2

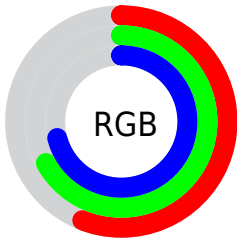
Format	Color
RYB	144, 160, 182
Decimal	9481142
CIELab	68.34, -6.83, -8.74
CIELCh	68, 11.094, 231.990
Yxy	38.4325, 0.2810, 0.3130
Android (android.graphics.Color)	4287671222 (0xFF90ABB6)
YUV	164.1810, 8.7848, -17.6987
Hunter-Lab	61.9940, -9.1301, -4.2851

Details

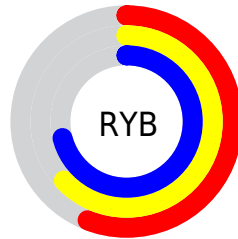
The XYZ color **34.5080, 38.4325, 49.8554** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.0471, 35.4015, 31.3196**, and the grayscale version is **35.3398, 37.1803, 40.4893**.

A 20% lighter version of the original color is **65.9177, 72.5715, 91.4224**, and **15.0735, 17.1058, 23.2762** is the 20% darker color. If you saturate the color by 10%, you get **30.6069, 34.9746, 49.3942**, and if you desaturate by 10%, it is **38.9635, 42.2370, 50.3555**.

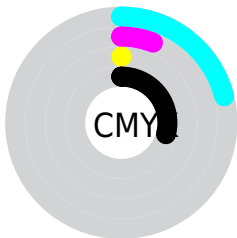
Distribution



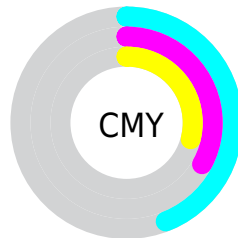
- Red (56%)
- Green (67%)
- Blue (71%)



- Red (56%)
- Yellow (63%)
- Blue (71%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (29%)



- Cyan (44%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5080, 38.4325, 49.8554 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 34.5080, 38.4325, 49.8554 by changing the saturation by 10% instead.

■ 34.5080, 38.4325,
49.8554

■ 34.5080, 38.4325,
49.8554

313.9375,
339.4717, 402.8191

■ 23.4489, 26.3185,
34.9281

■ 66.0619, 72.7706,
91.3547

■ 15.0478, 17.0621,
23.3244

■ 87.2874, 95.7635,
118.7638

■ 8.9395, 10.2788,
14.6257

112.6325,
123.1514, 151.1706

■ 4.7585, 5.5842,
8.4134

142.4623,
155.3189, 188.9937

■ 2.1396, 2.5939,
4.2691

177.1424,
192.6503, 232.6515

■ 0.7106, 0.9236,
1.7741

217.0381,

■ 0.0000, 0.0000,

235.5299, 282.5626

0.4108

262.5146,
284.3423, 339.1456

■ 0.0000, 0.0000,
0.0000

■ 34.5080, 38.4325,
49.8554

■ 34.5080, 38.4325,
49.8554

■ 30.6069, 34.9746,
49.3942

■ 38.9635, 42.2370,
50.3555

■ 27.2318, 31.8451,
48.9680

■ 43.9934, 46.3962,
50.8932

■ 24.3570, 29.0309,
48.5764

■ 49.6206, 50.9235,
51.4705

■ 21.9527, 26.5162,
48.2177

■ 55.8659, 55.8304,
52.0885

■ 19.9864, 24.2834,
47.8903

■ 62.7491, 61.1275,
52.7481

■ 18.4205, 22.3123,
47.5924

■ 70.2890, 66.8252,
53.4505

■ 17.2110, 20.5795,
47.3217

■ 72.2092, 69.6885,
53.9020

■ 16.3370, 19.1642,
47.0946

■ 73.5138, 72.2979,
54.3369

■ 74.8616, 74.9934,
54.7861

Harmonies

Analogous

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



33.5149, 38.4325, 45.5361



34.5080, 38.4325, 49.8554



36.0649, 38.4325, 52.0652

Triad

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



34.5080, 38.4325, 49.8554



39.9416, 38.4325, 43.1954



35.2910, 38.4325, 33.5790

Complementary

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



34.5080, 38.4325, 49.8554



36.0471, 35.4015, 31.3196

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.



36.9969, 38.4325, 33.0607



34.5080, 38.4325, 49.8554



39.7185, 38.4325, 38.3617

Square

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



34.5080, 38.4325, 49.8554



39.2277, 38.4325, 48.0258



38.6273, 38.4325, 34.7447



33.9569, 38.4325, 36.2213

Rectangle

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



34.5080, 38.4325, 49.8554



37.2281, 38.4325, 51.9317



38.6273, 38.4325, 34.7447



35.8386, 38.4325, 33.1595

Sweetspot

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



34.5091, 38.4341, 49.8563



74.8630, 80.0945, 91.7498



34.1271, 41.7446, 37.1673



16.4053, 17.5830, 20.2508



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

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



34.5091, 38.4341, 49.8563



59.2274, 66.7537, 89.9988



31.2120, 31.8398, 48.7572



9.0412, 9.7596, 11.4867



11.5961, 13.6519, 33.2770



0.4592, 0.5820, 1.1899

Inverse Universe

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



36.6163, 32.8328, 42.9373



63.7853, 54.9833, 74.9550



39.4171, 42.1414, 32.4430



9.2671, 9.1172, 10.7541



16.4669, 8.1605, 15.6112



0.6059, 0.2978, 0.6842

Previews

White Background



This preview shows how the XYZ color 34.5080, 38.4325, 49.8554 looks on a white background.

Color Contrast Check

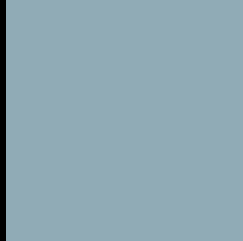
Large Text (above 18pt) WCAG AA × Fail

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 34.5080, 38.4325, 49.8554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

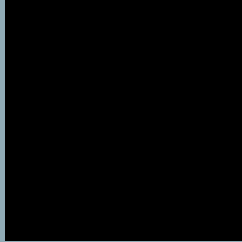
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5080, 38.4325, 49.8554

Background



This preview shows how black text looks on a background with the XYZ color 34.5080, 38.4325, 49.8554.



This preview shows how white text looks on a background with the XYZ color 34.5080, 38.4325,

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

34.5080, 38.4325, 49.8554

Protanopia

37.2169, 38.2316, 47.5374

Deuteranopia

39.0276, 38.3000, 50.6831



Tritanopia

34.7162, 38.5158, 50.9520

Trichromacy



Original Color

34.5080, 38.4325, 49.8554

Protanomaly

36.0560, 38.1612, 48.1133

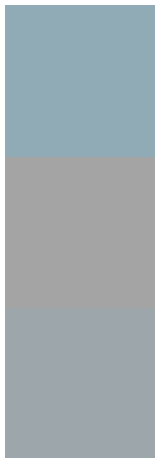
Deuteranomaly

37.1066, 38.1157, 50.2011

Tritanomaly

34.6118, 38.4740, 50.4017

Monochromacy



Original Color

34.5080, 38.4325, 49.8554

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

35.0740, 37.7458, 43.9651

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5080, 38.4325, 49.8554 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(144, 171, 182)` looks like.

```
.text, #text, p{  
    color:rgb(144, 171, 182)  
}
```

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(144, 171, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 171, 182) }
```

Border

The CSS property to change the border of an element to XYZ 34.5080, 38.4325, 49.8554 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(144, 171, 182) }
```


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

```
.border{ border-color:rgb(144, 171, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 171, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 171, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 171, 182);  
box-shadow:4px 4px 4px 4px rgb(144, 171,  
182) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5080, 38.4325, 49.8554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 171, 182) }
```

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

```
.background{ background-color: rgb(144,  
171, 182) }
```

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