

Converting Colors

XYZ(30.4139, 33.3199, 39.4144)

Have a look what the booklet for
XYZ(30.4139, 33.3199, 39.4144)
contains.

XYZ(30.5106, 33.3699, 39.4833)	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(30.5106, 33.3699,
39.4833)**

Conversions

Conversions Part 1

Format	Color
Hex	909FA3
RGB	144, 159, 163
RGB Percent	56%, 62%, 64%
CMY	0.4353, 0.3765, 0.3608
CMYK	0.12, 0.02, 0.00, 0.36
HSL	193°, 9%, 60%
HSV	193°, 12%, 64%
XYZ	30.5106, 33.3699, 39.4833
YIQ	154.9710, -10.2240, -1.9360

Conversions

Conversions Part 2

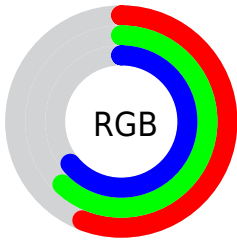
Format	Color
RYB	144, 152, 163
Decimal	9478051
CIELab	64.46, -4.45, -3.90
CIELCh	64, 5.919, 221.184
Yxy	33.3699, 0.2952, 0.3228
Android (android.graphics.Color)	4287668131 (0xFF909FA3)
YUV	154.9710, 3.9583, -9.6216
Hunter-Lab	57.7667, -6.8134, -0.0878

Details

The XYZ color **30.5106, 33.3699, 39.4833** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.7284, 30.9799, 30.7463**, and the grayscale version is **31.1299, 32.7511, 35.6660**.

A 20% lighter version of the original color is **59.9902, 65.1609, 75.7452**, and **12.7460, 14.2000, 17.1080** is the 20% darker color. If you saturate the color by 10%, you get **27.2853, 30.8446, 39.1664**, and if you desaturate by 10%, it is **34.1653, 36.1426, 39.8264**.

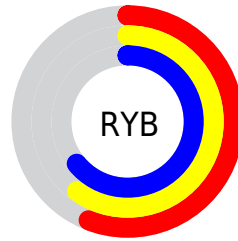
Distribution



Red (56%)

Green (62%)

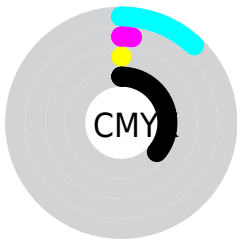
Blue (64%)



Red (56%)

Yellow (60%)

Blue (64%)

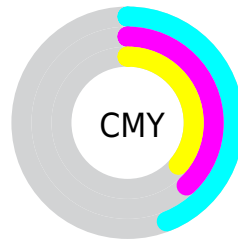


Cyan (12%)

Magenta (2%)

Yellow (0%)

Black (36%)



Cyan (44%)

Magenta (38%)

Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.5106, 33.3699, 39.4833 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 30.5106, 33.3699, 39.4833 by changing the saturation by 10% instead.

■ 30.5106, 33.3699,
39.4833

■ 30.5106, 33.3699,
39.4833

296.1446,
317.3132, 359.4280

■ 20.3765, 22.4100,
26.8252

■ 59.8498, 64.9526,
75.6045

■ 12.7788, 14.1584,
17.2107

■ 79.7856, 86.3442,
99.9047

■ 7.3524, 8.2309,
10.2213

103.7194,
111.9817, 128.9227

■ 3.7317, 4.2431,
5.4384

132.0164,
142.2497, 163.0770

■ 1.5515, 1.8104,
2.4435

165.0421,
177.5324, 202.7861

■ 0.3605, 0.4937,
0.8100

203.1618,

■ 0.0000, 0.0000,

218.2143, 248.4686

0.0000

246.7408,
264.6798, 300.5431

■ 30.5106, 33.3699,
39.4833

■ 30.5106, 33.3699,
39.4833

■ 27.2853, 30.8446,
39.1664

■ 34.1653, 36.1426,
39.8264

■ 24.4688, 28.5533,
38.8726

■ 38.2631, 39.1674,
40.1942

■ 22.0431, 26.4874,
38.6017

■ 42.8207, 42.4538,
40.5884

■ 19.9879, 24.6361,
38.3526

■ 47.8530, 46.0098,
41.0095

■ 18.2806, 22.9878,
38.1245

■ 53.3742, 49.8430,
41.4584

■ 16.8964, 21.5293,
37.9159

■ 59.3979, 53.9604,
41.9357

■ 15.8069, 20.2458,
37.7256

■ 64.7867, 57.7759,
42.3881

■ 14.9785, 19.1198,
37.5519

■ 65.5028, 59.2081,
42.6268

■ 14.4224, 18.2672,
37.4167

■ 66.2363, 60.6751,
42.8713

Harmonies

Analogous

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



30.1506, 33.3699, 37.2436



30.5106, 33.3699, 39.4833



31.1962, 33.3699, 40.9164

Triad

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



30.5106, 33.3699, 39.4833



33.2791, 33.3699, 37.8549



31.4032, 33.3699, 31.9601

Complementary

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



30.5106, 33.3699, 39.4833



30.7284, 30.9799, 30.7463

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.



32.2437, 33.3699, 32.1075



30.5106, 33.3699, 39.4833



33.3369, 33.3699, 35.4396

Square

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



30.5106, 33.3699, 39.4833



32.7984, 33.3699, 39.9478



32.9550, 33.3699, 33.3571



30.6598, 33.3699, 32.9453

Rectangle

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



30.5106, 33.3699, 39.4833



31.7506, 33.3699, 41.1849



32.9550, 33.3699, 33.3571



31.6836, 33.3699, 31.8800

Sweetspot

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



30.5116, 33.3713, 39.4840



60.2236, 64.0061, 71.2364



29.9288, 34.2561, 32.9693



13.4061, 14.2854, 15.9883



78.6606, 82.7571, 90.1225



14.0027, 14.7319, 16.0430

Same Dimension

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



30.5116, 33.3713, 39.4840



53.0663, 58.5449, 70.5595



28.9716, 30.2913, 38.9707



7.1490, 7.7571, 9.0235



11.2421, 14.2637, 29.0904



0.2663, 0.3598, 0.6213

Inverse Universe

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



31.3363, 30.2370, 36.9872



54.8521, 51.8366, 65.1354



32.2467, 34.0163, 31.2524



7.3002, 7.1765, 8.5672



14.8200, 7.2840, 16.7745



0.3266, 0.1591, 0.4323

Previews

White Background



This preview shows how the XYZ color 30.5106, 33.3699, 39.4833 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 30.5106, 33.3699, 39.4833 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

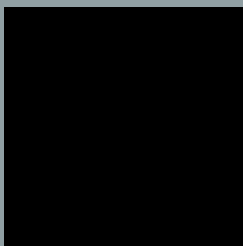
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

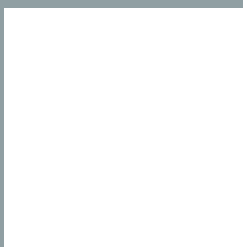
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.5106, 33.3699, 39.4833

Background



This preview shows how black text looks on a background with the XYZ color 30.5106, 33.3699, 39.4833.



This preview shows how white text looks on a background with the XYZ color 30.5106, 33.3699,

39.4833.

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

30.5106, 33.3699, 39.4833

Protanopia

32.0590, 33.1840, 38.4337

Deuteranopia

33.7945, 33.0653, 40.1984



Tritanopia

31.1596, 33.3757, 42.8301

Trichromacy



Original Color

30.5106, 33.3699, 39.4833

Protanomaly

31.3589, 33.0610, 38.9110

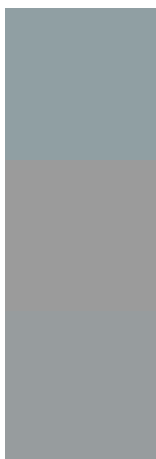
Deuteranomaly

32.5545, 33.1625, 39.8071

Tritanomaly

30.8790, 33.2635, 41.3522

Monochromacy



Original Color

30.5106, 33.3699, 39.4833

Achromatopsia

31.1553, 32.7778, 35.6950

Achromatomaly

30.8225, 32.8249, 37.0591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.5106, 33.3699, 39.4833 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, 159, 163)` looks like.

```
.text, #text, p{  
    color:rgb(144, 159, 163)  
}
```

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, 159, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 159, 163) }
```

Border

The CSS property to change the border of an element to XYZ 30.5106, 33.3699, 39.4833 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, 159, 163) }
```


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

```
.border{ border-color:rgb(144, 159, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 159, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 159, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 159, 163);  
box-shadow:4px 4px 4px 4px rgb(144, 159,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 30.5106, 33.3699, 39.4833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 159, 163) }
```

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

```
.background{ background-color: rgb(144,  
159, 163) }
```

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