

Converting Colors

XYZ(30.8756, 34.7333, 39.5170)

Have a look what the booklet for
XYZ(30.8756, 34.7333, 39.5170)
contains.

XYZ(31.0416, 34.9460, 39.7595)	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(31.0416, 34.9460,
39.7595)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA4A3
RGB	142, 164, 163
RGB Percent	56%, 64%, 64%
CMY	0.4431, 0.3568, 0.3608
CMYK	0.13, 0.00, 0.01, 0.36
HSL	177°, 11%, 60%
HSV	177°, 13%, 64%
XYZ	31.0416, 34.9460, 39.7595
YIQ	157.3080, -12.7910, -4.9750

Conversions

Conversions Part 2

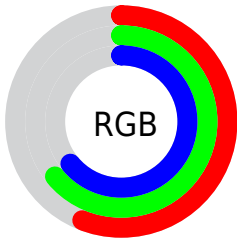
Format	Color
RYB	142, 153, 164
Decimal	9348259
CIELab	65.71, -7.86, -2.08
CIElCh	66, 8.126, 194.820
Yxy	34.9460, 0.2935, 0.3305
Android (android.graphics.Color)	4287538339 (0xFF8EA4A3)
YUV	157.3080, 2.8062, -13.4251
Hunter-Lab	59.1151, -9.7204, 1.5035

Details

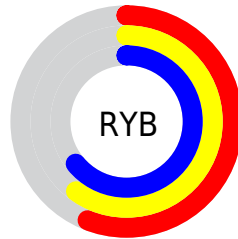
The XYZ color **31.0416, 34.9460, 39.7595** is a light color, and the websafe version is hex **999999**. A complement of this color would be **29.9420, 29.2226, 30.0505**, and the grayscale version is **32.1791, 33.8550, 36.8681**.

A 20% lighter version of the original color is **60.7514, 67.4608, 76.1490**, and **12.9778, 14.9602, 17.2425** is the 20% darker color. If you saturate the color by 10%, you get **28.3657, 33.5752, 39.2865**, and if you desaturate by 10%, it is **34.1339, 36.5333, 40.2555**.

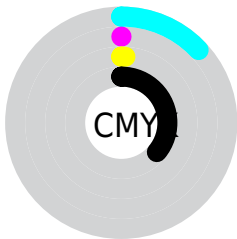
Distribution



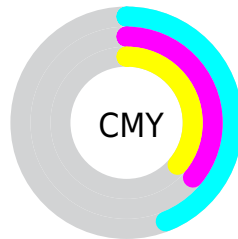
- Red (56%)
- Green (64%)
- Blue (64%)



- Red (56%)
- Yellow (60%)
- Blue (64%)



- Cyan (13%)
- Magenta (0%)
- Yellow (1%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.0416, 34.9460, 39.7595 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 31.0416, 34.9460, 39.7595 by changing the saturation by 10% instead.

■ 31.0416, 34.9460,
39.7595

■ 31.0416, 34.9460,
39.7595

298.5534,
324.3299, 360.6308

■ 20.7825, 23.6213,
27.0387

■ 60.6810, 67.4021,
76.0302

■ 13.0767, 15.0529,
17.3696

■ 80.7919, 89.3023,
100.4173

■ 7.5587, 8.8565,
10.3336

■ 104.9176,
115.4964, 129.5301

■ 3.8633, 4.6477,
5.5122

133.4233,
146.3689, 163.7873

■ 1.6251, 2.0421,
2.4869

166.6743,
182.3040, 203.6075

■ 0.4087, 0.6318,
0.8332

205.0361,

■ 0.0000, 0.0000,

223.6863, 249.4091

0.0000

248.8740,
270.9002, 301.6107

■ 31.0416, 34.9460,
39.7595

■ 31.0416, 34.9460,
39.7595

■ 28.3657, 33.5752,
39.2865

■ 34.1339, 36.5333,
40.2555

■ 26.0853, 32.4072,
38.8334

■ 37.6566, 38.3415,
40.7729

■ 24.1819, 31.4337,
38.4000

■ 41.6265, 40.3803,
41.3134

■ 22.6347, 30.6436,
37.9853

■ 46.0589, 42.6574,
41.8776

■ 21.4206, 30.0252,
37.5882

■ 50.9683, 45.1803,
42.4662

■ 20.5139, 29.5653,
37.2076

■ 56.3683, 47.9561,
43.0798

■ 19.8852, 29.2486,
36.8420

■ 61.6055, 50.6480,
43.6879

■ 19.4993, 29.0571,
36.4898

■ 61.6755, 50.6759,
44.0563

■ 19.3220, 28.9705,
36.2627

■ 61.7458, 50.7041,
44.4267

Harmonies

Analogous

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



31.0452, 34.9460, 36.3519



31.0416, 34.9460, 39.7595



31.6108, 34.9460, 42.8830

Triad

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



31.0416, 34.9460, 39.7595



34.8623, 34.9460, 42.9147



33.8208, 34.9460, 32.0424

Complementary

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



31.0416, 34.9460, 39.7595



29.9420, 29.2226, 30.0505

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.



34.8729, 34.9460, 33.5949



31.0416, 34.9460, 39.7595



35.4839, 34.9460, 39.8007

Square

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



31.0416, 34.9460, 39.7595



33.8067, 34.9460, 44.7776



35.4878, 34.9460, 36.3907



32.6305, 34.9460, 32.0329

Rectangle

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



31.0416, 34.9460, 39.7595



32.2465, 34.9460, 44.3258



35.4878, 34.9460, 36.3907



34.2030, 34.9460, 32.3968

Sweetspot

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



31.0426, 34.9475, 39.7603



61.5621, 66.1090, 73.0066



29.5039, 34.3539, 30.6677



13.3650, 14.4047, 15.9462



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.



31.0426, 34.9475, 39.7603



54.8673, 62.6749, 71.9162



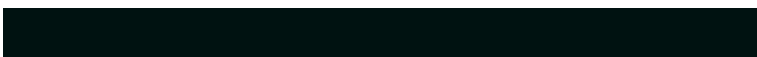
29.4292, 31.5764, 39.6674



7.2621, 8.0057, 8.9920



14.8193, 22.2141, 27.8288



0.3153, 0.4684, 0.6056

Inverse Universe

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



29.9420, 29.2226, 30.0505



52.4875, 50.2960, 50.9215



31.4055, 32.2707, 30.1653



7.0862, 7.0909, 7.4406



11.7751, 6.0661, 0.7404



0.2511, 0.1289, 0.0350

Previews

White Background



This preview shows how the XYZ color 31.0416, 34.9460, 39.7595 looks on a white background.

Color Contrast Check

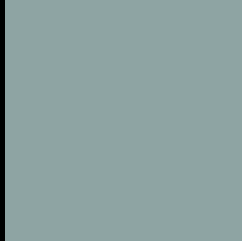
Large Text (above 18pt) WCAG AA × Fail

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 31.0416, 34.9460, 39.7595 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

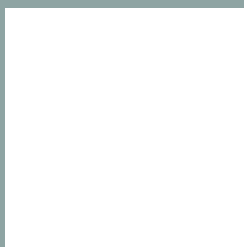
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.0416, 34.9460, 39.7595

Background



This preview shows how black text looks on a background with the XYZ color 31.0416, 34.9460, 39.7595.

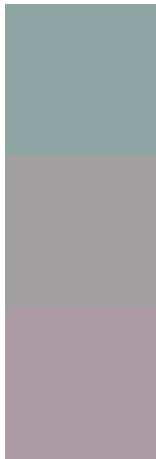


This preview shows how white text looks on a background with the XYZ color 31.0416, 34.9460,

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

31.0416, 34.9460, 39.7595

Protanopia

33.6436, 35.0157, 38.2432

Deuteranopia

35.3604, 34.5985, 40.4118



Tritanopia

32.1598, 34.8651, 45.5921

Trichromacy



Original Color

31.0416, 34.9460, 39.7595

Protanomaly

32.6955, 35.0315, 38.7567

Deuteranomaly

33.6256, 34.7111, 40.0496

Tritanomaly

31.7756, 34.9743, 43.6040

Monochromacy



Original Color

31.0416, 34.9460, 39.7595

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7777, 34.3202, 37.7505

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.0416, 34.9460, 39.7595 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(142, 164, 163)` looks like.

```
.text, #text, p{  
    color:rgb(142, 164, 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(142, 164, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 164, 163) }
```

Border

The CSS property to change the border of an element to XYZ 31.0416, 34.9460, 39.7595 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(142, 164, 163) }
```


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

```
.border{ border-color:rgb(142, 164, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 164, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 164, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 164, 163);  
box-shadow:4px 4px 4px 4px rgb(142, 164,  
163) }
```

Background

The CSS property to change the background color of an element to XYZ 31.0416, 34.9460, 39.7595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 164, 163) }
```

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

```
.background{ background-color: rgb(142,  
164, 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](#).

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