

Converting Colors

XYZ(30.4399, 34.3247, 36.5568)

Have a look what the booklet for
XYZ(30.4399, 34.3247, 36.5568)
contains.

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Color

**XYZ(30.4256, 34.4343,
36.4954)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA39C
RGB	143, 163, 156
RGB Percent	56%, 64%, 61%
CMY	0.4392, 0.3608, 0.3882
CMYK	0.12, 0.00, 0.04, 0.36
HSL	159°, 10%, 60%
HSV	159°, 12%, 64%
XYZ	30.4256, 34.4343, 36.4954
YIQ	156.2220, -9.6730, -6.4170

Conversions

Conversions Part 2

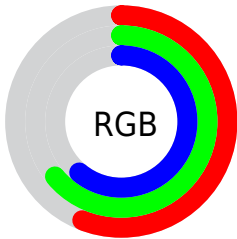
Format	Color
RYB	143, 155, 163
Decimal	9413532
CIELab	65.31, -8.42, 1.25
CIELCh	65, 8.514, 171.526
Yxy	34.4343, 0.3002, 0.3397
Android (android.graphics.Color)	4287603612 (0xFF8FA39C)
YUV	156.2220, -0.1094, -11.5957
Hunter-Lab	58.6807, -10.1402, 4.2022

Details

The XYZ color **30.4256, 34.4343, 36.4954** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4329, 29.6343, 32.9716**, and the grayscale version is **31.7034, 33.3544, 36.3230**.

A 20% lighter version of the original color is **59.7302, 66.6663, 70.6925**, and **12.7484, 14.7160, 15.5332** is the 20% darker color. If you saturate the color by 10%, you get **27.3345, 32.8963, 33.8878**, and if you desaturate by 10%, it is **33.9514, 36.1957, 39.2433**.

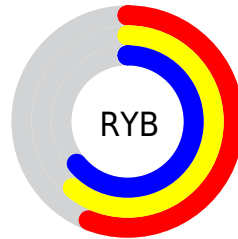
Distribution



Red (56%)

Green (64%)

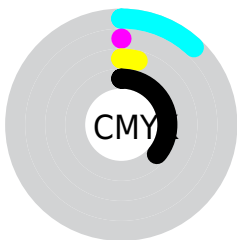
Blue (61%)



Red (56%)

Yellow (61%)

Blue (64%)

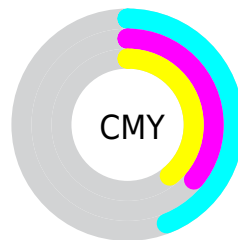


Cyan (12%)

Magenta (0%)

Yellow (4%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.4256, 34.4343, 36.4954 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 30.4256, 34.4343, 36.4954 by changing the saturation by 10% instead.

■ 30.4256, 34.4343,
36.4954

■ 30.4256, 34.4343,
36.4954

295.7576,
322.0643, 346.2234

■ 20.3115, 23.2274,
24.5243

■ 59.7166, 66.6085,
70.9737

■ 12.7313, 14.7615,
15.5072

■ 79.6243, 88.3446,
94.3179

■ 7.3195, 8.6522,
9.0256

103.5272,
114.3592, 122.2903

■ 3.7108, 4.5150,
4.6608

131.7906,
145.0368, 155.3094

■ 1.5399, 1.9656,
1.9944

164.7801,
180.7617, 193.7937

■ 0.3527, 0.5874,
0.5519

202.8608,

■ 0.0000, 0.0000,

221.9183, 238.1618

0.0000

246.3982,
268.8910, 288.8321

■ 30.4256, 34.4343,
36.4954

■ 30.4256, 34.4343,
36.4954

■ 27.3345, 32.8963,
33.8878

■ 33.9514, 36.1957,
39.2433

■ 24.6573, 31.5681,
31.4157

■ 37.9258, 38.1848,
42.1317

■ 22.3758, 30.4413,
29.0775

■ 42.3658, 40.4112,
45.1634

■ 20.4691, 29.5052,
26.8703

■ 47.2864, 42.8826,
48.3408

■ 18.9146, 28.7483,
24.7916

■ 52.7021, 45.6065,
51.6661

■ 17.6870, 28.1574,
22.8383

■ 58.6268, 48.5900,
55.1412

■ 16.7574, 27.7177,
21.0072

■ 64.2954, 51.4387,
58.7320

■ 16.0916, 27.4117,
19.2950

■ 64.9573, 51.7035,
62.2174

■ 15.6963, 27.2350,
18.0490

■ 65.6442, 51.9782,
65.8343

Harmonies

Analogous

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



30.8965, 34.4343, 33.4013



30.4256, 34.4343, 36.4954



30.5595, 34.4343, 40.0562

Triad

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



30.4256, 34.4343, 36.4954



33.6119, 34.4343, 44.2142



34.2354, 34.4343, 32.3949

Complementary

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



30.4256, 34.4343, 36.4954



30.4329, 29.6343, 32.9716

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.



34.9984, 34.4343, 35.0418



30.4256, 34.4343, 36.4954



34.6321, 34.4343, 41.9061

Square

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



30.4256, 34.4343, 36.4954



32.3785, 34.4343, 44.6643



35.1453, 34.4343, 38.5088



33.0815, 34.4343, 31.1337

Rectangle

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



30.4256, 34.4343, 36.4954



30.9752, 34.4343, 42.2071



35.1453, 34.4343, 38.5088



34.5473, 34.4343, 33.1438

Sweetspot

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



30.4266, 34.4357, 36.4962



59.6046, 64.2224, 69.3728



30.6953, 34.6948, 31.0660



13.2802, 14.3707, 15.4993



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.



30.4266, 34.4357, 36.4962



52.7439, 60.7990, 63.9281



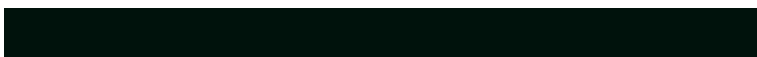
30.5683, 33.7427, 39.5539



7.1703, 7.9689, 8.5085



12.2204, 21.1745, 14.1428



0.2778, 0.4533, 0.4080

Inverse Universe

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



30.4329, 29.6343, 32.9716



52.7579, 50.3106, 56.2300



30.2908, 30.2257, 30.2247



7.1714, 7.1250, 7.8890



12.3338, 6.2896, 3.6824



0.2809, 0.1409, 0.1918

Previews

White Background



This preview shows how the XYZ color 30.4256, 34.4343, 36.4954 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 30.4256, 34.4343, 36.4954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

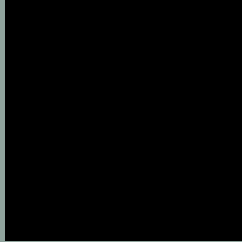
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

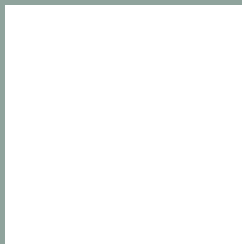
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.4256, 34.4343, 36.4954

Background



This preview shows how black text looks on a background with the XYZ color 30.4256, 34.4343, 36.4954.

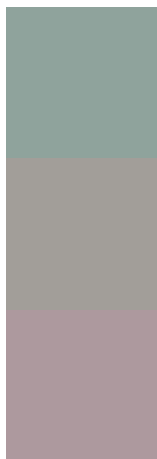


This preview shows how white text looks on a background with the XYZ color 30.4256, 34.4343,

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

30.4256, 34.4343, 36.4954

Protanopia

32.8769, 34.4350, 35.0508

Deuteranopia

34.7964, 34.1353, 37.1026



Tritanopia

31.9677, 34.2697, 44.4650

Trichromacy



Original Color

30.4256, 34.4343, 36.4954

Protanomaly

31.9211, 34.4433, 35.5376

Deuteranomaly

33.0431, 34.2296, 36.7637

Tritanomaly

31.3970, 34.2995, 41.5249

Monochromacy



Original Color

30.4256, 34.4343, 36.4954

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1614, 33.7759, 36.3295

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.4256, 34.4343, 36.4954 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(143, 163, 156)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 156)  
}
```

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(143, 163, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 156) }
```

Border

The CSS property to change the border of an element to XYZ 30.4256, 34.4343, 36.4954 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(143, 163, 156) }
```


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

```
.border{ border-color:rgb(143, 163, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 163, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 156);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 30.4256, 34.4343, 36.4954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 163, 156) }
```

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

```
.background{ background-color: rgb(143,  
163, 156) }
```

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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