

Converting Colors

XYZ(30.2624, 34.2802, 35.6258)

Have a look what the booklet for
XYZ(30.2624, 34.2802, 35.6258)
contains.

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Color

**XYZ(30.2576, 34.3671,
35.6106)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA39A
RGB	143, 163, 154
RGB Percent	56%, 64%, 60%
CMY	0.4392, 0.3608, 0.3961
CMYK	0.12, 0.00, 0.06, 0.36
HSL	153°, 10%, 60%
HSV	153°, 12%, 64%
XYZ	30.2576, 34.3671, 35.6106
YIQ	155.9940, -9.0310, -7.0390

Conversions

Conversions Part 2

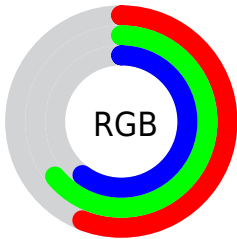
Format	Color
RYB	143, 156, 163
Decimal	9413530
CIELab	65.25, -8.82, 2.30
CIELCh	65, 9.118, 165.419
Yxy	34.3671, 0.3019, 0.3429
Android (android.graphics.Color)	4287603610 (0xFF8FA39A)
YUV	155.9940, -0.9830, -11.3957
Hunter-Lab	58.6235, -10.4610, 5.0209

Details

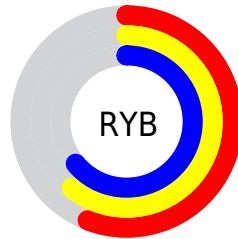
The XYZ color **30.2576, 34.3671, 35.6106** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5954, 29.6993, 33.8273**, and the grayscale version is **31.6051, 33.2511, 36.2104**.

A 20% lighter version of the original color is **59.4825, 66.5672, 69.3882**, and **12.6468, 14.6753, 14.9980** is the 20% darker color. If you saturate the color by 10%, you get **27.0459, 32.7808, 32.3680**, and if you desaturate by 10%, it is **33.9186, 36.1826, 39.0707**.

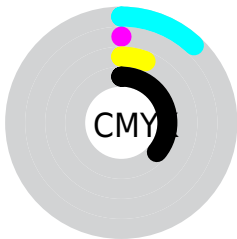
Distribution



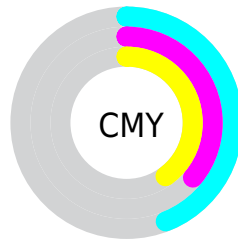
- Red (56%)
- Green (64%)
- Blue (60%)



- Red (56%)
- Yellow (61%)
- Blue (64%)



- Cyan (12%)
- Magenta (0%)
- Yellow (6%)
- Black (36%)



- Cyan (44%)
- Magenta (36%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2576, 34.3671, 35.6106 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 30.2576, 34.3671, 35.6106 by changing the saturation by 10% instead.

■ 30.2576, 34.3671,
35.6106

■ 30.2576, 34.3671,
35.6106

294.9917,
321.7659, 342.2411

■ 20.1832, 23.1758,
23.8463

■ 59.4532, 66.5041,
69.5929

■ 12.6373, 14.7233,
15.0085

■ 79.3051, 88.2186,
92.6479

■ 7.2546, 8.6254,
8.6787

103.1469,
114.2096, 120.3036

■ 3.6696, 4.4977,
4.4382

131.3439,
144.8615, 152.9786

■ 1.5169, 1.9557,
1.8687

164.2615,
180.5586, 191.0912

■ 0.3373, 0.5815,
0.4727

202.2652,

■ 0.0000, 0.0000,

221.6855, 235.0602

0.0000

245.7201,
268.6264, 285.3040

■ 30.2576, 34.3671,
35.6106

■ 30.2576, 34.3671,
35.6106

■ 27.0459, 32.7808,
32.3680

■ 33.9186, 36.1826,
39.0707

■ 24.2624, 31.4101,
29.3362

■ 38.0433, 38.2318,
42.7501

■ 21.8885, 30.2464,
26.5116

■ 42.6488, 40.5244,
46.6536

■ 19.9031, 29.2788,
23.8894

■ 47.7506, 43.0683,
50.7852

■ 18.2829, 28.4956,
21.4650

■ 53.3635, 45.8711,
55.1486

■ 17.0024, 27.8835,
19.2331

■ 59.5016, 48.9399,
59.7477

■ 16.0322, 27.4276,
17.1884

■ 65.4002, 51.8806,
64.5495

■ 15.3377, 27.1101,
15.3252

■ 66.3089, 52.2441,
69.3348

■ 14.9281, 26.9278,
14.0037

■ 67.2597, 52.6244,
74.3418

Harmonies

Analogous

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



30.8813, 34.3671, 32.5223



30.2576, 34.3671, 35.6106



30.2668, 34.3671, 39.3963

Triad

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



30.2576, 34.3671, 35.6106



33.3479, 34.3671, 44.9144



34.4885, 34.3671, 32.4534

Complementary

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



30.2576, 34.3671, 35.6106



30.5954, 29.6993, 33.8273

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.



35.1864, 34.3671, 35.5107



30.2576, 34.3671, 35.6106



34.5159, 34.3671, 42.7861

Square

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



30.2576, 34.3671, 35.6106



32.0269, 34.3671, 44.9456



35.1966, 34.3671, 39.2895



33.3113, 34.3671, 30.7850

Rectangle

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



30.2576, 34.3671, 35.6106



30.6297, 34.3671, 41.8161



35.1966, 34.3671, 39.2895



34.7883, 34.3671, 33.3432

Sweetspot

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



30.2586, 34.3685, 35.6114



59.5003, 64.1807, 68.8233



31.0677, 34.8867, 31.0834



13.2526, 14.3597, 15.3544



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.



30.2586, 34.3685, 35.6114



52.3753, 60.6516, 61.9872



30.9188, 34.4437, 39.6707



7.1409, 7.9572, 8.3536



11.6244, 20.9361, 11.0048



0.2677, 0.4493, 0.3545

Inverse Universe

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



30.5954, 29.6993, 33.8273



53.1112, 50.4519, 58.0904



29.9860, 29.6162, 30.1231



7.2001, 7.1365, 8.0400



12.7051, 6.4381, 5.6377



0.2907, 0.1448, 0.2433

Previews

White Background



This preview shows how the XYZ color 30.2576, 34.3671, 35.6106 looks on a white background.

Color Contrast Check

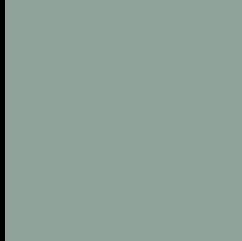
Large Text (above 18pt) WCAG AA × Fail

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 30.2576, 34.3671, 35.6106 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

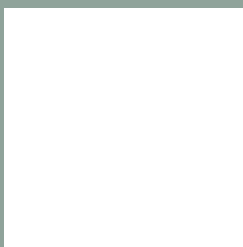
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2576, 34.3671, 35.6106

Background



This preview shows how black text looks on a background with the XYZ color 30.2576, 34.3671, 35.6106.



This preview shows how white text looks on a background with the XYZ color 30.2576, 34.3671,

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

30.2576, 34.3671, 35.6106

Protanopia

32.7471, 34.1348, 34.1409

Deuteranopia

34.8475, 34.1814, 36.2135



Tritanopia

31.9677, 34.2697, 44.4650

Trichromacy



Original Color

30.2576, 34.3671, 35.6106

Protanomaly

31.7759, 34.1312, 34.6190

Deuteranomaly

33.0776, 34.2670, 35.8812

Tritanomaly

31.3049, 34.2627, 41.0398

Monochromacy



Original Color

30.2576, 34.3671, 35.6106

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0770, 33.7421, 35.8853

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2576, 34.3671, 35.6106 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 163, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 163, 154) }
```

Border

The CSS property to change the border of an element to XYZ 30.2576, 34.3671, 35.6106 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, 154) }
```


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

```
.border{ border-color:rgb(143, 163, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 163, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 163, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 163,  
154) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2576, 34.3671, 35.6106 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, 154) }
```

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

```
.background{ background-color: rgb(143,  
163, 154) }
```

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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