

Converting Colors

XYZ(30.0276, 34.3117, 35.1378)

Have a look what the booklet for
XYZ(30.0276, 34.3117, 35.1378)
contains.

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Color

**XYZ(30.0023, 34.2451,
35.1657)**

Conversions

Conversions Part 1

Format	Color
Hex	8EA399
RGB	142, 163, 153
RGB Percent	56%, 64%, 60%
CMY	0.4431, 0.3608, 0.4000
CMYK	0.13, 0.00, 0.06, 0.36
HSL	151°, 10%, 60%
HSV	151°, 13%, 64%
XYZ	30.0023, 34.2451, 35.1657
YIQ	155.5810, -9.3060, -7.5620

Conversions

Conversions Part 2

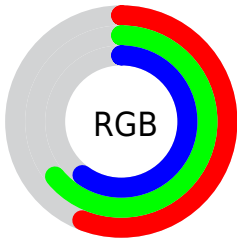
Format	Color
RYB	142, 156, 163
Decimal	9347993
CIELab	65.16, -9.37, 2.71
CIELCh	65, 9.755, 163.897
Yxy	34.2451, 0.3018, 0.3445
Android (android.graphics.Color)	4287538073 (0xFF8EA399)
YUV	155.5810, -1.2724, -11.9105
Hunter-Lab	58.5193, -10.8935, 5.3347

Details

The XYZ color **30.0023, 34.2451, 35.1657** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.4460, 29.4004, 33.7775**, and the grayscale version is **31.4226, 33.0590, 36.0013**.

A 20% lighter version of the original color is **59.0988, 66.3836, 68.7300**, and **12.4963, 14.6035, 14.7305** is the 20% darker color. If you saturate the color by 10%, you get **26.7872, 32.6603, 31.7767**, and if you desaturate by 10%, it is **33.6701, 36.0603, 38.7951**.

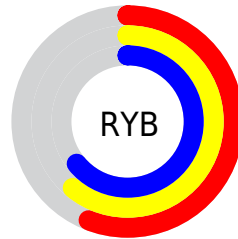
Distribution



Red (56%)

Green (64%)

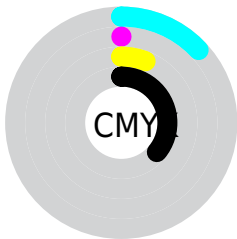
Blue (60%)



Red (56%)

Yellow (61%)

Blue (64%)

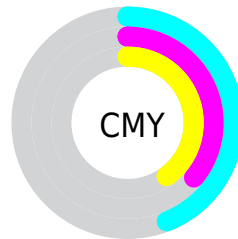


Cyan (13%)

Magenta (0%)

Yellow (6%)

Black (36%)



Cyan (44%)

Magenta (36%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0023, 34.2451, 35.1657 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 30.0023, 34.2451, 35.1657 by changing the saturation by 10% instead.

■ 30.0023, 34.2451,
35.1657

■ 30.0023, 34.2451,
35.1657

293.8248,
321.2236, 340.2256

■ 19.9884, 23.0820,
23.5060

■ 59.0524, 66.3146,
68.8969

■ 12.4948, 14.6540,
14.7588

■ 78.8194, 87.9898,
91.8054

■ 7.1562, 8.5769,
8.5055

■ 102.5680,
113.9378, 119.3006

■ 3.6072, 4.4663,
4.3277

130.6638,
144.5430, 151.8010

■ 1.4824, 1.9377,
1.8068

163.4720,
180.1898, 189.7251

■ 0.3138, 0.5709,
0.4324

201.3580,

■ 0.0000, 0.0000,

221.2625, 233.4916

0.0000

244.6871,
268.1457, 283.5189

■ 30.0023, 34.2451,
35.1657

■ 30.0023, 34.2451,
35.1657

■ 26.7872, 32.6603,
31.7767

■ 33.6701, 36.0603,
38.7951

■ 24.0034, 31.2922,
28.6209

■ 37.8050, 38.1105,
42.6674

■ 21.6322, 30.1321,
25.6939

■ 42.4244, 40.4055,
46.7881

■ 19.6520, 29.1690,
22.9903

■ 47.5440, 42.9532,
51.1617

■ 18.0395, 28.3911,
20.5045

■ 53.1786, 45.7613,
55.7926

■ 16.7687, 27.7850,
18.2306

■ 59.3425, 48.8371,
60.6850

■ 15.8099, 27.3355,
16.1624

■ 65.6423, 51.9775,
65.8242

■ 15.1278, 27.0246,
14.2932

■ 66.6172, 52.3674,
70.9579

■ 14.7524, 26.8575,
13.0788

■ 67.6394, 52.7763,
76.3410

Harmonies

Analogous

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



30.6972, 34.2451, 31.9453



30.0023, 34.2451, 35.1657



29.9766, 34.2451, 39.1916

Triad

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



30.0023, 34.2451, 35.1657



33.2073, 34.2451, 45.3810



34.5507, 34.2451, 32.1372

Complementary

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



30.0023, 34.2451, 35.1657



30.4460, 29.4004, 33.7775

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.



35.2644, 34.2451, 35.4453



30.0023, 34.2451, 35.1657



34.4737, 34.2451, 43.1934

Square

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



30.0023, 34.2451, 35.1657



31.7995, 34.2451, 45.2924



35.2358, 34.2451, 39.4921



33.3100, 34.2451, 30.2854

Rectangle

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



30.0023, 34.2451, 35.1657



30.3407, 34.2451, 41.8075



35.2358, 34.2451, 39.4921



34.8618, 34.2451, 33.1049

Sweetspot

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



30.0033, 34.2465, 35.1665



59.4730, 64.1698, 68.6799



30.9579, 34.8389, 30.6846



13.2455, 14.3568, 15.3166



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.



30.0033, 34.2465, 35.1665



52.2801, 60.6135, 61.4857



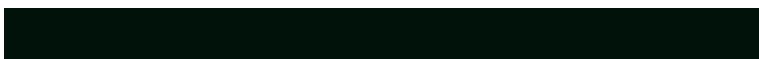
30.8025, 34.4669, 39.6814



7.1332, 7.9541, 8.3134



11.4879, 20.8815, 10.2858



0.2651, 0.4483, 0.3410

Inverse Universe

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



30.4460, 29.4004, 33.7775



53.2050, 50.4894, 58.5841



29.7129, 29.1906, 29.6600



7.2076, 7.1395, 8.0799



12.8199, 6.4840, 6.2424



0.2932, 0.1458, 0.2568

Previews

White Background



This preview shows how the XYZ color 30.0023, 34.2451, 35.1657 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 30.0023, 34.2451, 35.1657 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

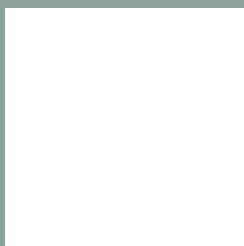
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.0023, 34.2451, 35.1657

Background



This preview shows how black text looks on a background with the XYZ color 30.0023, 34.2451, 35.1657.



This preview shows how white text looks on a background with the XYZ color 30.0023, 34.2451,

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

30.0023, 34.2451, 35.1657

Protanopia

32.6662, 34.1025, 33.7149

Deuteranopia

34.7632, 34.1477, 35.7693



Tritanopia

31.7907, 34.1785, 44.4567

Trichromacy



Original Color

30.0023, 34.2451, 35.1657

Protanomaly

31.5016, 33.9992, 34.1803

Deuteranomaly

32.7900, 34.1284, 35.4311

Tritanomaly

31.1294, 34.1722, 41.0316

Monochromacy



Original Color

30.0023, 34.2451, 35.1657

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 30.0023, 34.2451, 35.1657 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, 163, 153)` looks like.

```
.text, #text, p{  
    color:rgb(142, 163, 153)  
}
```

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, 163, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 163, 153) }
```

Border

The CSS property to change the border of an element to XYZ 30.0023, 34.2451, 35.1657 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, 163, 153) }
```


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

```
.border{ border-color:rgb(142, 163, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 163, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 163, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 163, 153);  
box-shadow:4px 4px 4px 4px rgb(142, 163,  
153) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0023, 34.2451, 35.1657 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 163, 153) }
```

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

```
.background{ background-color: rgb(142,  
163, 153) }
```

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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