

Converting Colors

XYZ(30.1362, 35.0423, 31.8478)

Have a look what the booklet for
XYZ(30.1362, 35.0423, 31.8478)
contains.

XYZ(30.0676, 34.8839, 31.9366)	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(30.0676, 34.8839,
31.9366)**

Conversions

Conversions Part 1

Format	Color
Hex	90A591
RGB	144, 165, 145
RGB Percent	56%, 65%, 57%
CMY	0.4353, 0.3529, 0.4314
CMYK	0.13, 0.00, 0.12, 0.35
HSL	123°, 10%, 61%
HSV	123°, 13%, 65%
XYZ	30.0676, 34.8839, 31.9366
YIQ	156.4410, -6.0960, -10.6720

Conversions

Conversions Part 2

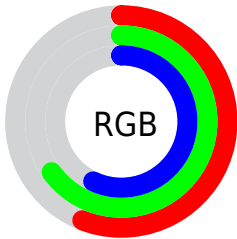
Format	Color
RYB	144, 164, 165
Decimal	9479569
CIELab	65.66, -11.29, 7.91
CIELCh	66, 13.780, 144.991
Yxy	34.8839, 0.3103, 0.3600
Android (android.graphics.Color)	4287669649 (0xFF90A591)
YUV	156.4410, -5.6404, -10.9108
Hunter-Lab	59.0626, -12.4887, 9.2843

Details

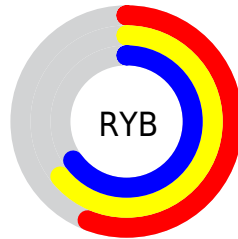
The XYZ color **30.0676, 34.8839, 31.9366** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.1924, 30.6271, 39.3386**, and the grayscale version is **31.8242, 33.4816, 36.4614**.

A 20% lighter version of the original color is **59.1907, 67.3157, 63.9064**, and **12.4849, 14.9636, 13.0567** is the 20% darker color. If you saturate the color by 10%, you get **26.2645, 33.0548, 25.8648**, and if you desaturate by 10%, it is **34.4615, 37.0002, 38.9125**.

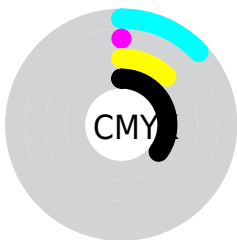
Distribution



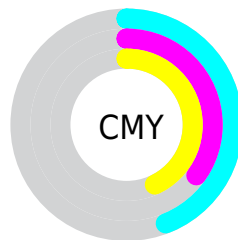
- Red (56%)
- Green (65%)
- Blue (57%)



- Red (56%)
- Yellow (64%)
- Blue (65%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (35%)



- Cyan (44%)
- Magenta (35%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.0676, 34.8839, 31.9366 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 30.0676, 34.8839, 31.9366 by changing the saturation by 10% instead.

■ 30.0676, 34.8839,
31.9366

■ 30.0676, 34.8839,
31.9366

294.1236,
324.0556, 325.3142

■ 20.0382, 23.5735,
21.0487

■ 59.1550, 67.3059,
63.8084

■ 12.5313, 15.0175,
12.9680

■ 78.9437, 89.1862,
85.6294

■ 7.1813, 8.8317,
7.2760

102.7162,
115.3586, 111.9318

■ 3.6231, 4.6316,
3.5543

130.8379,
146.2075, 143.1342

■ 1.4912, 2.0327,
1.3842

163.6741,
182.1172, 179.6551

■ 0.3198, 0.6264,
0.1293

201.5903,

■ 0.0000, 0.0000,

223.4722, 221.9130

0.0000

244.9516,
270.6569, 270.3265

■ 30.0676, 34.8839,
31.9366

■ 30.0676, 34.8839,
31.9366

■ 26.2645, 33.0548,
25.8648

■ 34.4615, 37.0002,
38.9125

■ 23.0244, 31.4963,
20.6580

■ 39.4669, 39.4106,
46.8249

■ 20.3212, 30.1970,
16.2775

■ 45.1070, 42.1274,
55.7076

■ 18.1261, 29.1427,
12.6809

■ 51.4029, 45.1608,
65.5919

■ 16.4072, 28.3180,
9.8218

■ 58.3748, 48.5206,
76.5076

■ 15.1292, 27.7060,
7.6493

■ 66.0419, 52.2160,
88.4835

■ 14.2518, 27.2869,
6.1058

■ 72.7458, 55.3916,
101.4653

■ 13.7274, 27.0378,
5.1242

■ 13.4989, 26.9288,
4.7119

Harmonies

Analogous

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



31.5379, 34.8839, 28.7440



30.0676, 34.8839, 31.9366



29.4260, 34.8839, 37.0171

Triad

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



30.0676, 34.8839, 31.9366



32.8172, 34.8839, 50.2117



36.8126, 34.8839, 33.4629

Complementary

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



30.0676, 34.8839, 31.9366



32.1924, 30.6271, 39.3386

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.



37.1888, 34.8839, 38.9648



30.0676, 34.8839, 31.9366



34.8287, 34.8839, 49.0149

Square

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



30.0676, 34.8839, 31.9366



30.9717, 34.8839, 47.8696



36.4492, 34.8839, 44.7473



35.4409, 34.8839, 29.5604

Rectangle

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



30.0676, 34.8839, 31.9366



29.5348, 34.8839, 40.9412



36.4492, 34.8839, 44.7473



37.0620, 34.8839, 35.1702

Sweetspot

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



30.0686, 34.8854, 31.9374



60.5942, 65.7218, 67.9099



33.8625, 36.8501, 31.7141



13.1170, 14.3055, 14.6403



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.



30.0686, 34.8854, 31.9374



52.0150, 61.5920, 54.2748



30.8910, 35.2144, 36.2685



6.9986, 7.9003, 7.6044



10.2169, 20.3731, 3.5927



0.2185, 0.4296, 0.0958

Inverse Universe

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



32.1924, 30.6271, 39.3386



56.5006, 52.5982, 69.9060



31.3076, 30.2731, 34.6788



7.3497, 7.1963, 8.8279



16.3574, 7.8990, 24.8704



0.3478, 0.1676, 0.5443

Previews

White Background



This preview shows how the XYZ color 30.0676, 34.8839, 31.9366 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 30.0676, 34.8839, 31.9366 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

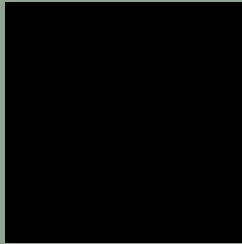
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.0676, 34.8839, 31.9366

Background



This preview shows how black text looks on a background with the XYZ color 30.0676, 34.8839, 31.9366.



This preview shows how white text looks on a background with the XYZ color 30.0676, 34.8839,

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

30.0676, 34.8839, 31.9366

Protanopia

33.0065, 34.8563, 30.5795

Deuteranopia

35.4125, 34.8015, 32.4547



Tritanopia

32.7793, 34.9353, 45.0599

Trichromacy



Original Color

30.0676, 34.8839, 31.9366

Protanomaly

31.8033, 34.7420, 31.0163

Deuteranomaly

33.1411, 34.6360, 32.1328

Tritanomaly

31.5638, 34.6880, 39.6822

Monochromacy



Original Color

30.0676, 34.8839, 31.9366

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0145, 33.7387, 34.5833

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.0676, 34.8839, 31.9366 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, 165, 145)` looks like.

```
.text, #text, p{  
    color:rgb(144, 165, 145)  
}
```

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, 165, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 165, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.0676, 34.8839, 31.9366 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, 165, 145) }
```


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

```
.border{ border-color:rgb(144, 165, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 165, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 165, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 165, 145);  
box-shadow:4px 4px 4px 4px rgb(144, 165,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.0676, 34.8839, 31.9366 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 165, 145) }
```

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

```
.background{ background-color: rgb(144,  
165, 145) }
```

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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