

Converting Colors

XYZ(30.3083, 34.5130, 31.0236)

Have a look what the booklet for
XYZ(30.3083, 34.5130, 31.0236)
contains.

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Color

**XYZ(30.2679, 34.4735,
31.0454)**

Conversions

Conversions Part 1

Format	Color
Hex	94A38F
RGB	148, 163, 143
RGB Percent	58%, 64%, 56%
CMY	0.4196, 0.3608, 0.4392
CMYK	0.09, 0.00, 0.12, 0.36
HSL	105°, 10%, 60%
HSV	105°, 12%, 64%
XYZ	30.2679, 34.4735, 31.0454
YIQ	156.2350, -2.5200, -9.4000

Conversions

Conversions Part 2

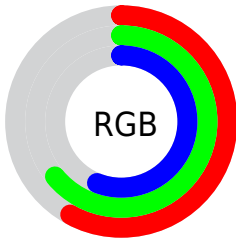
Format	Color
RYB	143, 163, 158
Decimal	9741199
CIELab	65.34, -9.15, 8.60
CIELCh	65, 12.554, 136.766
Yxy	34.4735, 0.3160, 0.3599
Android (android.graphics.Color)	4287931279 (0xFF94A38F)
YUV	156.2350, -6.5249, -7.2221
Hunter-Lab	58.7141, -10.7307, 9.7500

Details

The XYZ color **30.2679, 34.4735, 31.0454** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.5353, 29.5594, 38.7483**, and the grayscale version is **31.7347, 33.3874, 36.3589**.

A 20% lighter version of the original color is **59.5066, 66.7306, 62.5673**, and **12.5900, 14.7006, 12.5299** is the 20% darker color. If you saturate the color by 10%, you get **27.0260, 32.9357, 24.9095**, and if you desaturate by 10%, it is **33.9248, 36.2065, 38.1389**.

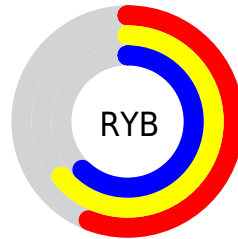
Distribution



Red (58%)

Green (64%)

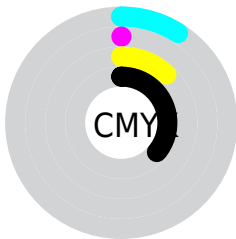
Blue (56%)



Red (56%)

Yellow (64%)

Blue (62%)

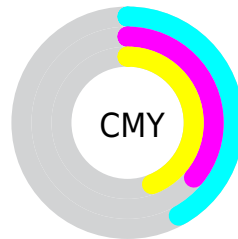


Cyan (9%)

Magenta (0%)

Yellow (12%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2679, 34.4735, 31.0454 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 30.2679, 34.4735, 31.0454 by changing the saturation by 10% instead.

■ 30.2679, 34.4735,
31.0454

■ 30.2679, 34.4735,
31.0454

295.0387,
322.2382, 321.1051

■ 20.1911, 23.2576,
20.3747

■ 59.4693, 66.6693,
62.3920

■ 12.6431, 14.7838,
12.4809

■ 79.3246, 88.4180,
83.9049

■ 7.2585, 8.6678,
6.9456

103.1702,
114.4465, 109.8689

■ 3.6721, 4.5251,
3.3502

131.3713,
145.1390, 140.7026

■ 1.5183, 1.9714,
1.2761

164.2934,
180.8801, 176.8246

■ 0.3383, 0.5908,
0.0421

202.3017,

■ 0.0000, 0.0000,

222.0540, 218.6533

0.0000

245.7617,
269.0453, 266.6073

■ 30.2679, 34.4735,
31.0454

■ 30.2679, 34.4735,
31.0454

■ 27.0260, 32.9357,
24.9095

■ 33.9248, 36.2065,
38.1389

■ 24.1813, 31.5819,
19.6879

■ 38.0080, 38.1367,
46.2261

■ 21.7190, 30.4062,
15.3375

■ 42.5318, 40.2717,
55.3441

■ 19.6220, 29.4011,
11.8109

■ 47.5093, 42.6174,
65.5275

■ 17.8721, 28.5581,
9.0561

■ 52.9526, 45.1795,
76.8091

■ 16.4493, 27.8683,
7.0149

■ 58.8736, 47.9633,
89.2203

■ 15.3313, 27.3217,
5.6214

■ 64.9431, 50.8379,
100.9976

■ 14.4928, 26.9068,
4.7970

■ 69.0874, 52.9743,
101.1915

■ 14.0021, 26.6619,
4.4083

■ 72.3879, 54.6758,
101.3460

Harmonies

Analogous

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



31.7611, 34.4735, 28.6873



30.2679, 34.4735, 31.0454



29.4577, 34.4735, 35.2749

Triad

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



30.2679, 34.4735, 31.0454



31.9668, 34.4735, 48.2288



36.2532, 34.4735, 34.7024

Complementary

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



30.2679, 34.4735, 31.0454



30.5353, 29.5594, 38.7483

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.



36.3133, 34.4735, 39.8912



30.2679, 34.4735, 31.0454



33.7919, 34.4735, 48.0390

Square

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



30.2679, 34.4735, 31.0454



30.4136, 34.4735, 45.3696



35.3980, 34.4735, 44.8730



35.2367, 34.4735, 30.6600

Rectangle

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



30.2679, 34.4735, 31.0454



29.3935, 34.4735, 38.7359



35.3980, 34.4735, 44.8730



36.3872, 34.4735, 36.3607

Sweetspot

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



30.2688, 34.4750, 31.0462



59.5172, 64.2546, 65.8804



32.2905, 34.2250, 30.8913



13.2569, 14.3790, 14.5809



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.



30.2688, 34.4750, 31.0462



52.3834, 60.8742, 52.1170



29.7713, 34.1737, 33.0449



7.1438, 7.9766, 7.5432



10.9181, 20.7390, 3.4276



0.2697, 0.4566, 0.0739

Inverse Universe

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



30.5353, 29.5594, 38.7483



52.9649, 50.1361, 68.9418



31.0996, 29.9010, 36.4816



7.1906, 7.1126, 8.8970



11.4470, 5.3076, 27.3509



0.2797, 0.1317, 0.5765

Previews

White Background



This preview shows how the XYZ color 30.2679, 34.4735, 31.0454 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 30.2679, 34.4735, 31.0454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

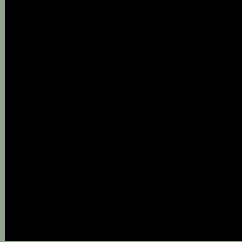
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

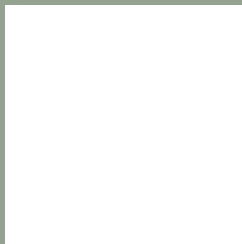
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2679, 34.4735, 31.0454

Background



This preview shows how black text looks on a background with the XYZ color 30.2679, 34.4735, 31.0454.



This preview shows how white text looks on a background with the XYZ color 30.2679, 34.4735,

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

30.2679, 34.4735, 31.0454

Protanopia

32.4775, 34.3465, 29.7287

Deuteranopia

35.0925, 34.4105, 31.5804



Tritanopia

32.7934, 34.4502, 43.9509

Trichromacy



Original Color

30.2679, 34.4735, 31.0454

Protanomaly

31.6766, 34.4356, 30.1765

Deuteranomaly

33.2395, 34.4524, 31.2836

Tritanomaly

31.7663, 34.2941, 38.6634

Monochromacy



Original Color

30.2679, 34.4735, 31.0454

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.1209, 33.8029, 34.1625

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2679, 34.4735, 31.0454 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(148, 163, 143)` looks like.

```
.text, #text, p{  
    color:rgb(148, 163, 143)  
}
```

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(148, 163, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 163, 143) }
```

Border

The CSS property to change the border of an element to XYZ 30.2679, 34.4735, 31.0454 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(148, 163, 143) }
```


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

```
.border{ border-color:rgb(148, 163, 143) }
```

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

Here you see how a box with a 4 pixel rgb(148, 163, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 163, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 163, 143);  
box-shadow:4px 4px 4px 4px rgb(148, 163,  
143) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2679, 34.4735, 31.0454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 163, 143) }
```

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

```
.background{ background-color: rgb(148,  
163, 143) }
```

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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