

Converting Colors

XYZ(30.1678, 34.0156, 31.5620)

Have a look what the booklet for
XYZ(30.1678, 34.0156, 31.5620)
contains.

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Color

**XYZ(30.2439, 34.1809,
31.7916)**

Conversions

Conversions Part 1

Format	Color
Hex	94A291
RGB	148, 162, 145
RGB Percent	58%, 64%, 57%
CMY	0.4196, 0.3647, 0.4314
CMYK	0.09, 0.00, 0.10, 0.36
HSL	109°, 8%, 60%
HSV	109°, 10%, 64%
XYZ	30.2439, 34.1809, 31.7916
YIQ	155.8760, -2.8870, -8.2550

Conversions

Conversions Part 2

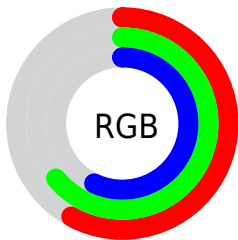
Format	Color
RYB	145, 162, 159
Decimal	9740945
CIELab	65.11, -8.24, 7.16
CIELCh	65, 10.914, 139.037
Yxy	34.1809, 0.3143, 0.3553
Android (android.graphics.Color)	4287931025 (0xFF94A291)
YUV	155.8760, -5.3619, -6.9073
Hunter-Lab	58.4644, -9.9740, 8.6846

Details

The XYZ color **30.2439, 34.1809, 31.7916** is a light color, and the websafe version is hex **999999**. A complement of this color would be **30.9464, 30.2313, 38.3884**, and the grayscale version is **31.5695, 33.2136, 36.1696**.

A 20% lighter version of the original color is **59.4788, 66.3058, 63.6963**, and **12.5713, 14.5195, 12.9664** is the 20% darker color. If you saturate the color by 10%, you get **26.8071, 32.5443, 25.5683**, and if you desaturate by 10%, it is **34.1390, 36.0351, 38.9677**.

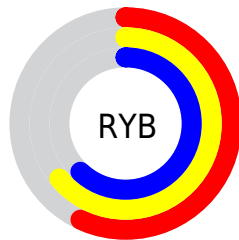
Distribution



Red (58%)

Green (64%)

Blue (57%)



Red (57%)

Yellow (64%)

Blue (62%)

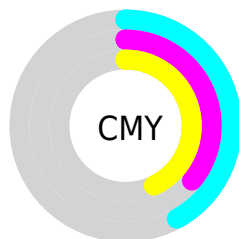


Cyan (9%)

Magenta (0%)

Yellow (10%)

Black (36%)



Cyan (42%)

Magenta (36%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 30.2439, 34.1809, 31.7916 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 30.2439, 34.1809, 31.7916 by changing the saturation by 10% instead.

■ 30.2439, 34.1809,
31.7916

■ 30.2439, 34.1809,
31.7916

294.9291,
320.9379, 324.6322

■ 20.1728, 23.0326,
20.9389

■ 59.4317, 66.2149,
63.5783

■ 12.6297, 14.6176,
12.8885

■ 79.2790, 87.8694,
85.3494

■ 7.2493, 8.5514,
7.2220

103.1158,
113.7947, 111.5971

■ 3.6662, 4.4498,
3.5208

131.3074,
144.3753, 142.7398

■ 1.5151, 1.9282,
1.3663

164.2192,
179.9955, 179.1961

■ 0.3361, 0.5653,
0.1152

202.2165,

■ 0.0000, 0.0000,

221.0397, 221.3846

0.0000

245.6647,
267.8924, 269.7238

■ 30.2439, 34.1809,
31.7916

■ 30.2439, 34.1809,
31.7916

■ 26.8071, 32.5443,
25.5683

■ 34.1390, 36.0351,
38.9677

■ 23.8088, 31.1131,
20.2557

■ 38.5056, 38.1100,
47.1319

■ 21.2320, 29.8804,
15.8116

■ 43.3599, 40.4141,
56.3205

■ 19.0575, 28.8374,
12.1899

■ 48.7163, 42.9542,
66.5674

■ 17.2646, 27.9743,
9.3400

■ 54.5888, 45.7367,
77.9047

■ 15.8306, 27.2808,
7.2060

■ 60.9908, 48.7680,
90.3634

■ 14.7303, 26.7452,
5.7241

■ 67.3822, 51.8327,
101.0610

■ 13.9351, 26.3545,
4.8194

■ 72.1151, 54.2726,
101.2825

■ 13.4159, 26.0972,
4.3302

■ 72.2110, 54.3220,
101.2870

Harmonies

Analogous

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



31.5055, 34.1809, 29.5722



30.2439, 34.1809, 31.7916



29.5912, 34.1809, 35.5844

Triad

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



30.2439, 34.1809, 31.7916



31.9127, 34.1809, 46.4450



35.4501, 34.1809, 34.4464

Complementary

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



30.2439, 34.1809, 31.7916



30.9464, 30.2313, 38.3884

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.



35.5677, 34.1809, 38.8991



30.2439, 34.1809, 31.7916



33.4906, 34.1809, 46.0778

Square

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



30.2439, 34.1809, 31.7916



30.5337, 34.1809, 44.1933



34.8403, 34.1809, 43.2274



34.5238, 34.1809, 31.0168

Rectangle

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



30.2439, 34.1809, 31.7916



29.5746, 34.1809, 38.6029



34.8403, 34.1809, 43.2274



35.5866, 34.1809, 35.8650

Sweetspot

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



30.2448, 34.1824, 31.7923



60.0824, 64.5166, 67.2342



32.3907, 34.4835, 31.7374



13.3664, 14.4293, 14.8642



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.



30.2448, 34.1824, 31.7923



53.1057, 61.1960, 54.4350



30.1344, 34.0763, 34.0063



7.0967, 7.9523, 7.5410



10.5959, 20.5729, 3.4125



0.2533, 0.4481, 0.0731

Inverse Universe

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



30.9464, 30.2313, 38.3884



54.6833, 52.3091, 69.2707



31.0800, 30.3543, 35.9492



7.2412, 7.1387, 8.8993



12.8430, 6.0273, 27.4163



0.3001, 0.1422, 0.5775

Previews

White Background



This preview shows how the XYZ color 30.2439, 34.1809, 31.7916 looks on a white background.

Color Contrast Check

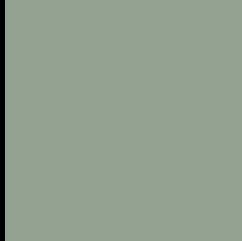
Large Text (above 18pt) WCAG AA × Fail

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 30.2439, 34.1809, 31.7916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

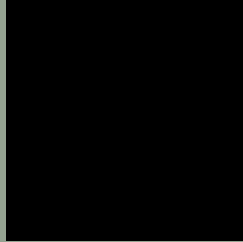
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 30.2439, 34.1809, 31.7916

Background



This preview shows how black text looks on a background with the XYZ color 30.2439, 34.1809, 31.7916.



This preview shows how white text looks on a background with the XYZ color 30.2439, 34.1809,

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

30.2439, 34.1809, 31.7916

Protanopia

32.3247, 33.9896, 30.8436

Deuteranopia

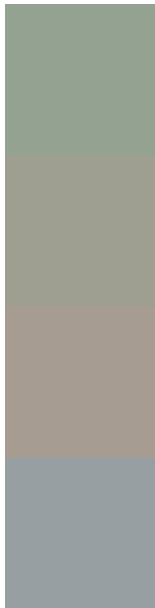
34.6262, 33.9102, 32.3241



Tritanopia

32.5264, 34.0694, 43.3898

Trichromacy



Original Color

30.2439, 34.1809, 31.7916

Protanomaly

31.5327, 34.0790, 31.3015

Deuteranomaly

32.8027, 33.9592, 32.0200

Tritanomaly

31.6822, 33.9842, 39.0722

Monochromacy



Original Color

30.2439, 34.1809, 31.7916

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

31.0312, 33.4930, 34.5350

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2439, 34.1809, 31.7916 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, 162, 145)` looks like.

```
.text, #text, p{  
    color:rgb(148, 162, 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(148, 162, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 162, 145) }
```

Border

The CSS property to change the border of an element to XYZ 30.2439, 34.1809, 31.7916 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, 162, 145) }
```


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

```
.border{ border-color:rgb(148, 162, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 162, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 162, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 162, 145);  
box-shadow:4px 4px 4px 4px rgb(148, 162,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2439, 34.1809, 31.7916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 162, 145) }
```

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

```
.background{ background-color: rgb(148,  
162, 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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