

Converting Colors

XYZ(31.6136, 34.3908, 43.9732)

Have a look what the booklet for
XYZ(31.6136, 34.3908, 43.9732)
contains.

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Color

**XYZ(31.5190, 34.3079,
43.9906)**

Conversions

Conversions Part 1

Format	Color
Hex	8FA1AC
RGB	143, 161, 172
RGB Percent	56%, 63%, 67%
CMY	0.4392, 0.3686, 0.3255
CMYK	0.17, 0.06, 0.00, 0.33
HSL	203°, 15%, 62%
HSV	203°, 17%, 67%
XYZ	31.5190, 34.3079, 43.9906
YIQ	156.8720, -14.2590, -0.3950

Conversions

Conversions Part 2

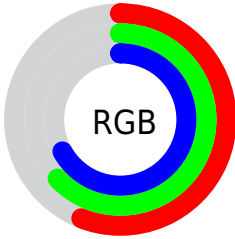
Format	Color
RYB	143, 154, 172
Decimal	9413036
CIELab	65.21, -3.94, -7.84
CIELCh	65, 8.778, 243.307
Yxy	34.3079, 0.2870, 0.3124
Android (android.graphics.Color)	4287603116 (0xFF8FA1AC)
YUV	156.8720, 7.4581, -12.1657
Hunter-Lab	58.5729, -6.4491, -3.5281

Details

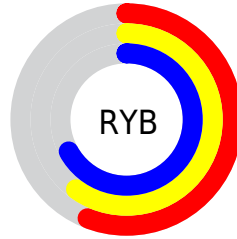
The XYZ color **31.5190, 34.3079, 43.9906** is a light color, and the websafe version is hex **999999**. A complement of this color would be **33.5272, 33.8652, 30.7570**, and the grayscale version is **31.9632, 33.6278, 36.6207**.

A 20% lighter version of the original color is **61.4470, 66.5281, 82.2757**, and **13.3797, 14.7832, 19.9176** is the 20% darker color. If you saturate the color by 10%, you get **27.6565, 30.6692, 43.4924**, and if you desaturate by 10%, it is **35.8995, 38.3038, 44.5315**.

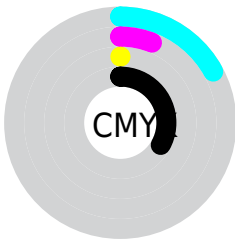
Distribution



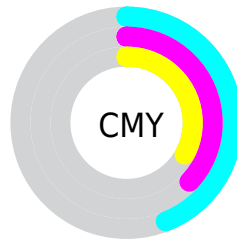
- Red (56%)
- Green (63%)
- Blue (67%)



- Red (56%)
- Yellow (60%)
- Blue (67%)



- Cyan (17%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (44%)
- Magenta (37%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5190, 34.3079, 43.9906 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 31.5190, 34.3079, 43.9906 by changing the saturation by 10% instead.

■ 31.5190, 34.3079,
43.9906

■ 31.5190, 34.3079,
43.9906

300.7066,
321.5028, 378.7101

■ 21.1481, 23.1302,
30.3260

■ 61.4266, 66.4122,
82.5059

■ 13.3454, 14.6897,
19.8320

■ 81.6940, 88.1076,
108.1937

■ 7.7455, 8.6019,
12.0901

105.9909,
114.0777, 138.7263

■ 3.9829, 4.4824,
6.6818

134.6828,
144.7070, 174.5222

■ 1.6925, 1.9469,
3.1885

168.1350,
180.3797, 216.0000

■ 0.4516, 0.5764,
1.1917

206.7128,

■ 0.0000, 0.0000,

221.4803, 263.5783

0.0000

250.7815,
268.3932, 317.6755

■ 31.5190, 34.3079,
43.9906

■ 31.5190, 34.3079,
43.9906

■ 27.6565, 30.6692,
43.4924

■ 35.8995, 38.3038,
44.5315

■ 24.2875, 27.3709,
43.0333

■ 40.8154, 42.6643,
45.1141

■ 21.3896, 24.4012,
42.6128

■ 46.2867, 47.4021,
45.7402

■ 18.9376, 21.7455,
42.2295

■ 52.3317, 52.5277,
46.4110

■ 16.9038, 19.3881,
41.8817

■ 58.9676, 58.0513,
47.1274

■ 15.2568, 17.3115,
41.5676

■ 66.2110, 63.9826,
47.8905

■ 13.9605, 15.4955,
41.2854

■ 70.9183, 68.7023,
48.5534

■ 12.9634, 13.9119,
41.0323

■ 72.5282, 71.9220,
49.0900

■ 12.6802, 13.4460,
40.9573

■ 74.2041, 75.2738,
49.6486

Harmonies

Analogous

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



30.6011, 34.3079, 41.3478



31.5190, 34.3079, 43.9906



32.7503, 34.3079, 44.8177

Triad

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



31.5190, 34.3079, 43.9906



35.1196, 34.3079, 36.9517



31.2800, 34.3079, 31.7860

Complementary

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



31.5190, 34.3079, 43.9906



33.5272, 33.8652, 30.7570

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.



32.4673, 34.3079, 30.7713



31.5190, 34.3079, 43.9906



34.7021, 34.3079, 33.6288

Square

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



31.5190, 34.3079, 43.9906



34.8498, 34.3079, 40.6012



33.7231, 34.3079, 31.4235



30.4656, 34.3079, 34.2875

Rectangle

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



31.5190, 34.3079, 43.9906



33.5889, 34.3079, 44.1865



33.7231, 34.3079, 31.4235



31.6476, 34.3079, 31.2674

Sweetspot

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



31.5200, 34.3093, 43.9914



66.6329, 70.8391, 80.9671



31.8832, 37.6663, 36.0027



14.3545, 15.2818, 17.5808



82.5889, 86.8899, 94.6231



15.4596, 16.2647, 17.7123

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.5200, 34.3093, 43.9914



54.6245, 59.8590, 79.4807



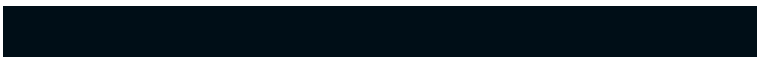
29.1879, 29.6451, 43.2140



7.9773, 8.5539, 10.1833



9.4902, 10.1142, 30.4966



0.3145, 0.3824, 0.8652

Inverse Universe

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



33.2696, 30.9897, 37.9478



58.3980, 52.8839, 66.4046



35.9991, 38.8090, 31.5810



8.2063, 8.0958, 9.3974



14.6538, 7.3241, 11.0885



0.4332, 0.2139, 0.4427

Previews

White Background



This preview shows how the XYZ color 31.5190, 34.3079, 43.9906 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 31.5190, 34.3079, 43.9906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

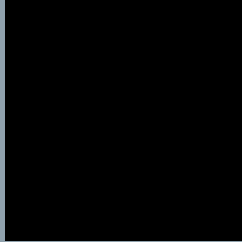
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

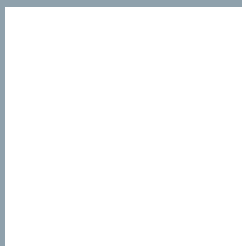
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.5190, 34.3079, 43.9906

Background



This preview shows how black text looks on a background with the XYZ color 31.5190, 34.3079, 43.9906.



This preview shows how white text looks on a background with the XYZ color 31.5190, 34.3079,

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

31.5190, 34.3079, 43.9906

Protanopia

33.2173, 34.1843, 42.8777

Deuteranopia

34.8243, 34.2353, 44.3078



Tritanopia

31.7125, 34.3854, 45.0100

Trichromacy



Original Color

31.5190, 34.3079, 43.9906

Protanomaly

32.5264, 34.0694, 43.3898

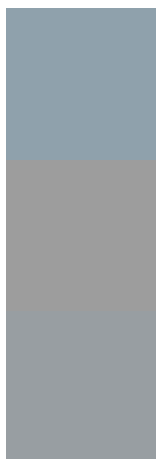
Deuteranomaly

33.7003, 34.4002, 44.3989

Tritanomaly

31.6154, 34.3465, 44.4984

Monochromacy



Original Color

31.5190, 34.3079, 43.9906

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.6973, 33.7378, 39.0238

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5190, 34.3079, 43.9906 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, 161, 172)` looks like.

```
.text, #text, p{  
    color:rgb(143, 161, 172)  
}
```

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, 161, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 161, 172) }
```

Border

The CSS property to change the border of an element to XYZ 31.5190, 34.3079, 43.9906 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, 161, 172) }
```


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

```
.border{ border-color:rgb(143, 161, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 161, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 161, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 161, 172);  
box-shadow:4px 4px 4px 4px rgb(143, 161,  
172) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5190, 34.3079, 43.9906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 161, 172) }
```

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

```
.background{ background-color: rgb(143,  
161, 172) }
```

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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