

Converting Colors

XYZ(31.3188, 34.3026, 41.0142)

Have a look what the booklet for
XYZ(31.3188, 34.3026, 41.0142)
contains.

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Color

**XYZ(31.3049, 34.2627,
41.0398)**

Conversions

Conversions Part 1

Format	Color
Hex	91A1A6
RGB	145, 161, 166
RGB Percent	57%, 63%, 65%
CMY	0.4314, 0.3686, 0.3490
CMYK	0.13, 0.03, 0.00, 0.35
HSL	194°, 11%, 61%
HSV	194°, 13%, 65%
XYZ	31.3049, 34.2627, 41.0398
YIQ	156.7860, -11.1410, -1.8370

Conversions

Conversions Part 2

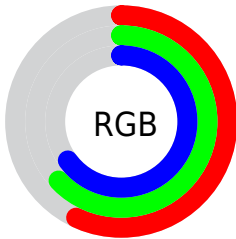
Format	Color
RYB	145, 154, 166
Decimal	9544102
CIELab	65.17, -4.57, -4.52
CIELCh	65, 6.432, 224.662
Yxy	34.2627, 0.2936, 0.3214
Android (android.graphics.Color)	4287734182 (0xFF91A1A6)
YUV	156.7860, 4.5425, -10.3363
Hunter-Lab	58.5343, -6.9711, -0.5956

Details

The XYZ color **31.3049, 34.2627, 41.0398** is a light color, and the websafe version is hex **999999**. A complement of this color would be **31.7433, 31.9639, 31.2853**, and the grayscale version is **31.9363, 33.5995, 36.5899**.

A 20% lighter version of the original color is **61.1602, 66.4743, 78.0139**, and **13.2293, 14.7464, 18.0687** is the 20% darker color. If you saturate the color by 10%, you get **27.9116, 31.5056, 40.6870**, and if you desaturate by 10%, it is **35.1494, 37.2867, 41.4214**.

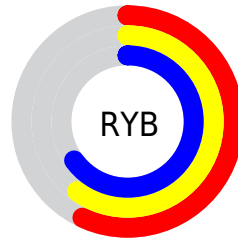
Distribution



Red (57%)

Green (63%)

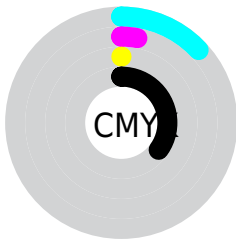
Blue (65%)



Red (57%)

Yellow (60%)

Blue (65%)

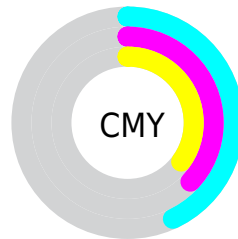


Cyan (13%)

Magenta (3%)

Yellow (0%)

Black (35%)



Cyan (43%)

Magenta (37%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.3049, 34.2627, 41.0398 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 31.3049, 34.2627, 41.0398 by changing the saturation by 10% instead.

■ 31.3049, 34.2627,
41.0398

■ 31.3049, 34.2627,
41.0398

299.7424,
321.3018, 366.1685

■ 20.9841, 23.0955,
28.0302

■ 61.0924, 66.3420,
77.9986

■ 13.2248, 14.6640,
18.1092

■ 81.2897, 88.0228,
102.7850

■ 7.6616, 8.5839,
10.8582

105.5100,
113.9770, 132.3340

■ 3.9291, 4.4708,
5.8586

134.1186,
144.5889, 167.0643

■ 1.6621, 1.9403,
2.6919

167.4807,
180.2430, 207.3944

■ 0.4324, 0.5724,
0.9393

205.9618,

■ 0.0000, 0.0000,

221.3236, 253.7427

0.0000

249.9273,
268.2150, 306.5279

■ 31.3049, 34.2627,
41.0398

■ 31.3049, 34.2627,
41.0398

■ 27.9116, 31.5056,
40.6870

■ 35.1494, 37.2867,
41.4214

■ 24.9479, 29.0010,
40.3598

■ 39.4597, 40.5826,
41.8304

■ 22.3948, 26.7400,
40.0579

■ 44.2534, 44.1606,
42.2684

■ 20.2307, 24.7109,
39.7803

■ 49.5461, 48.0291,
42.7361

■ 18.4317, 22.9013,
39.5259

■ 55.3530, 52.1962,
43.2344

■ 16.9714, 21.2972,
39.2932

■ 61.6883, 56.6695,
43.7639

■ 15.8197, 19.8827,
39.0809

■ 66.2470, 60.2610,
44.2169

■ 14.9405, 18.6389,
38.8871

■ 67.1064, 61.9799,
44.5033

■ 14.4075, 17.8022,
38.7537

■ 67.9891, 63.7453,
44.7976

Harmonies

Analogous

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



30.8589, 34.2627, 38.6234



31.3049, 34.2627, 41.0398



32.0929, 34.2627, 42.4896

Triad

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



31.3049, 34.2627, 41.0398



34.3285, 34.2627, 38.6834



32.1132, 34.2627, 32.5482

Complementary

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



31.3049, 34.2627, 41.0398



31.7433, 31.9639, 31.2853

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.



33.0430, 34.2627, 32.5626



31.3049, 34.2627, 41.0398



34.3342, 34.2627, 36.0194

Square

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



31.3049, 34.2627, 41.0398



33.8445, 34.2627, 41.0855



33.8598, 34.2627, 33.8063



31.3195, 34.2627, 33.7662

Rectangle

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



31.3049, 34.2627, 41.0398



32.7119, 34.2627, 42.6711



33.8598, 34.2627, 33.8063



32.4199, 34.2627, 32.4110

Sweetspot

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



31.3059, 34.2641, 41.0406



62.7475, 66.8597, 75.0733



30.8109, 35.4916, 34.0393



13.9229, 14.8694, 16.7884



80.6108, 84.8088, 92.3568



14.7206, 15.4872, 16.8656

Same Dimension

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



31.3059, 34.2641, 41.0406



55.1196, 60.8236, 74.3103



29.5630, 30.7783, 40.4596



7.5940, 8.2250, 9.6057



11.2094, 13.8790, 30.0636



0.3085, 0.4092, 0.7434

Inverse Universe

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



32.2851, 30.9318, 37.9887



57.2411, 53.6972, 67.6775



33.4776, 35.4325, 31.8634



7.7644, 7.6356, 9.0767



15.1586, 7.4721, 16.1785



0.3869, 0.1890, 0.4887

Previews

White Background



This preview shows how the XYZ color 31.3049, 34.2627, 41.0398 looks on a white background.

Color Contrast Check

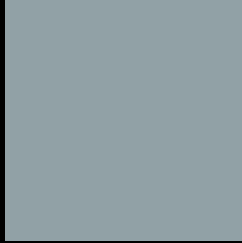
Large Text (above 18pt) WCAG AA × Fail

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 31.3049, 34.2627, 41.0398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

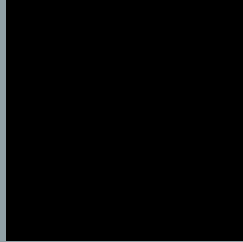
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

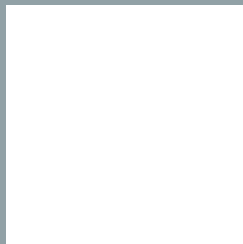
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 31.3049, 34.2627, 41.0398

Background



This preview shows how black text looks on a background with the XYZ color 31.3049, 34.2627, 41.0398.



This preview shows how white text looks on a background with the XYZ color 31.3049, 34.2627,

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

31.3049, 34.2627, 41.0398

Protanopia

33.0559, 34.1652, 39.9743

Deuteranopia

34.8213, 34.0446, 41.7818



Tritanopia

31.9677, 34.2697, 44.4650

Trichromacy



Original Color

31.3049, 34.2627, 41.0398

Protanomaly

32.3448, 34.0404, 40.4630

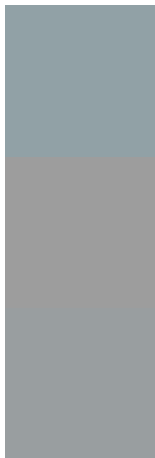
Deuteranomaly

33.3607, 34.0405, 41.3714

Tritanomaly

31.6806, 34.1549, 42.9530

Monochromacy



Original Color

31.3049, 34.2627, 41.0398

Achromatopsia

32.0474, 33.7164, 36.7171

Achromatomaly

31.7089, 33.7641, 38.1036

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.3049, 34.2627, 41.0398 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(145, 161, 166)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 166)  
}
```

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(145, 161, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 166) }
```

Border

The CSS property to change the border of an element to XYZ 31.3049, 34.2627, 41.0398 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(145, 161, 166) }
```


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

```
.border{ border-color:rgb(145, 161, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 161, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 166);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
166) }
```

Background

The CSS property to change the background color of an element to XYZ 31.3049, 34.2627, 41.0398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 166) }
```

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

```
.background{ background-color: rgb(145,  
161, 166) }
```

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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