

Converting Colors

XYZ(31.5130, 34.5367, 10.1596)

Have a look what the booklet for
XYZ(31.5130, 34.5367, 10.1596)
contains.

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Color

**XYZ(31.5130, 34.5367,
10.1596)**

Conversions

Conversions Part 1

Format	Color
Hex	B19F42
RGB	177, 159, 66
RGB Percent	69%, 62%, 26%
CMY	0.3059, 0.3765, 0.7412
CMYK	0.00, 0.10, 0.63, 0.31
HSL	50°, 46%, 48%
HSV	50°, 63%, 69%
XYZ	31.5130, 34.5367, 10.1596
YIQ	153.7800, 40.5810, -25.1070

Conversions

Conversions Part 2

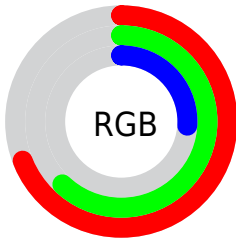
Format	Color
RYB	87, 177, 66
Decimal	11640642
CIELab	65.39, -4.74, 49.61
CIELCh	65, 49.835, 95.459
Yxy	34.5367, 0.4135, 0.4532
Android (android.graphics.Color)	4289830722 (0xFFB19F42)
YUV	153.7800, -43.2755, 20.3639
Hunter-Lab	58.7679, -7.1272, 30.8877

Details

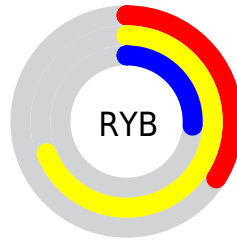
The XYZ color **31.5130, 34.5367, 10.1596** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.3529, 10.6730, 42.9512**, and the grayscale version is **30.7907, 32.3942, 35.2773**.

A 20% lighter version of the original color is **61.3252, 66.5587, 26.7545**, and **13.2970, 14.8098, 2.4162** is the 20% darker color. If you saturate the color by 10%, you get **30.5823, 33.3853, 7.6613**, and if you desaturate by 10%, it is **32.6182, 35.7789, 13.5135**.

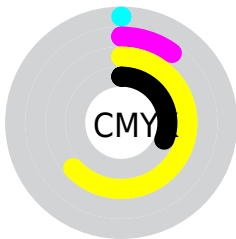
Distribution



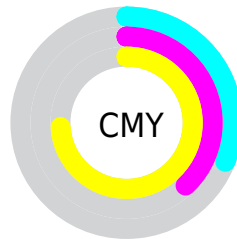
- Red (69%)
- Green (62%)
- Blue (26%)



- Red (34%)
- Yellow (69%)
- Blue (26%)



- Cyan (0%)
- Magenta (10%)
- Yellow (63%)
- Black (31%)



- Cyan (31%)
- Magenta (38%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 31.5130, 34.5367, 10.1596 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 31.5130, 34.5367, 10.1596 by changing the saturation by 10% instead.

31.5130, 34.5367,
10.1596

31.5130, 34.5367,
10.1596

300.6796,
322.5186, 202.3334

21.1435, 23.3062,
5.3979

61.4172, 66.7674,
26.7078

13.3420, 14.8198,
2.4198

81.6827, 88.5364,
39.3313

7.7431, 8.6930,
0.7972

105.9775,
114.5871, 55.4126

3.9814, 4.5415,
0.0000

134.6670,
145.3038, 75.3701

1.6916, 1.9808,
0.0000

168.1167,
181.0708, 99.6224

0.4510, 0.5963,
0.0000

206.6917,

0.0000, 0.0000,

222.2728, 128.5880

0.0000

250.7576,
269.2939, 162.6855

■ 31.5130, 34.5367,
10.1596

■ 31.5130, 34.5367,
10.1596

■ 30.5823, 33.3853,
7.6613

■ 32.6182, 35.7789,
13.5135

■ 29.8083, 32.3134,
5.9351

■ 33.9091, 37.1125,
17.7919

■ 29.1731, 31.3151,
4.8843

■ 35.3987, 38.5442,
23.0592

■ 28.7691, 30.6224,
4.3944

■ 37.0981, 40.0784,
29.3734

■ 39.0174, 41.7195,
36.7881

■ 41.1662, 43.4713,
45.3530

■ 43.5535, 45.3375,
55.1150

■ 46.1878, 47.3217,
66.1182

■ 49.0770, 49.4271,
78.4046

Harmonies

Analogous

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



38.9861, 34.5367, 11.6649



31.5130, 34.5367, 10.1596



25.3608, 34.5367, 13.5004

Triad

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



31.5130, 34.5367, 10.1596



22.6988, 34.5367, 65.9652



47.2674, 34.5367, 56.8204

Complementary

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



31.5130, 34.5367, 10.1596



13.3529, 10.6730, 42.9512

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.



41.6291, 34.5367, 80.5894



31.5130, 34.5367, 10.1596



27.3518, 34.5367, 87.0932

Square

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



31.5130, 34.5367, 10.1596



20.7764, 34.5367, 41.5467



34.1752, 34.5367, 93.2501



48.8145, 34.5367, 33.9200

Rectangle

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



31.5130, 34.5367, 10.1596



22.5983, 34.5367, 19.1553



34.1752, 34.5367, 93.2501



45.7508, 34.5367, 65.2025

Sweetspot

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



31.5138, 34.5383, 10.1603



67.5604, 72.7527, 56.8777



21.6998, 13.8918, 10.0287



14.4406, 15.5922, 11.5589



84.5950, 89.0005, 96.9216



16.2198, 17.0645, 18.5832

Same Dimension

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



31.5138, 34.5383, 10.1603



54.2463, 59.0905, 12.4667



27.5209, 37.4131, 10.9256



9.0774, 9.6674, 9.0401



20.8815, 22.2616, 3.1963



0.6883, 0.7630, 0.1110

Inverse Universe

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



13.3529, 10.6730, 42.9512



19.1922, 13.1073, 76.0137



15.4779, 9.9547, 42.7006



8.1496, 8.4454, 10.7069



6.0932, 2.9869, 30.3924



0.2258, 0.1621, 0.9676

Previews

White Background



This preview shows how the XYZ color 31.5130, 34.5367, 10.1596 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 31.5130, 34.5367, 10.1596 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 31.5130, 34.5367, 10.1596

Background



This preview shows how black text looks on a background with the XYZ color 31.5130, 34.5367, 10.1596.



This preview shows how white text looks on a background with the XYZ color 31.5130, 34.5367,

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

31.5130, 34.5367, 10.1596

Protanopia

31.5130, 34.5367, 10.1596

Deuteranopia

35.1360, 34.4209, 10.2609



Tritanopia

37.1881, 34.3824, 38.3947

Trichromacy



Original Color

31.5130, 34.5367, 10.1596

Protanomaly

31.5130, 34.5367, 10.1596

Deuteranomaly

33.8039, 34.4636, 10.1807

Tritanomaly

34.4485, 34.2339, 24.5308

Monochromacy



Original Color

31.5130, 34.5367, 10.1596

Achromatopsia

30.7148, 32.3143, 35.1903

Achromatomaly

30.3016, 32.8635, 23.1586

CSS Examples

Text

The CSS property to change the color of the text to XYZ 31.5130, 34.5367, 10.1596 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(177, 159, 66)` looks like.

```
.text, #text, p{  
    color:rgb(177, 159, 66)  
}
```

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(177, 159, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 159, 66) }
```

Border

The CSS property to change the border of an element to XYZ 31.5130, 34.5367, 10.1596 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(177, 159, 66) }
```


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

```
.border{ border-color:rgb(177, 159, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 159, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 159, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 159, 66);  
box-shadow:4px 4px 4px 4px rgb(177, 159,  
66) }
```

Background

The CSS property to change the background color of an element to XYZ 31.5130, 34.5367, 10.1596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 159, 66) }
```

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

```
.background{ background-color: rgb(177,  
159, 66) }
```

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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