

Converting Colors

XYZ(34.4388, 31.8039, 47.6850)

Have a look what the booklet for
XYZ(34.4388, 31.8039, 47.6850)
contains.

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Color

**XYZ(34.5121, 31.8709,
47.5127)**

Conversions

Conversions Part 1

Format	Color
Hex	A891B4
RGB	168, 145, 180
RGB Percent	66%, 57%, 71%
CMY	0.3412, 0.4314, 0.2941
CMYK	0.07, 0.19, 0.00, 0.29
HSL	279°, 19%, 64%
HSV	279°, 19%, 71%
XYZ	34.5121, 31.8709, 47.5127
YIQ	155.8670, 2.4730, 15.7610

Conversions

Conversions Part 2

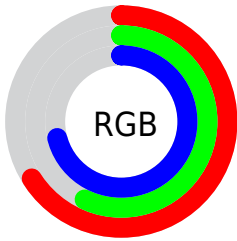
Format	Color
RYB	168, 145, 180
Decimal	11047348
CIELab	63.24, 15.17, -15.08
CIELCh	63, 21.396, 315.171
Yxy	31.8709, 0.3030, 0.2798
Android (android.graphics.Color)	4289237428 (0xFFA891B4)
YUV	155.8670, 11.8976, 10.6406
Hunter-Lab	56.4543, 10.3270, -10.3812

Details

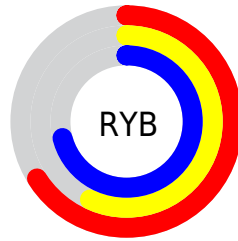
The XYZ color **34.5121, 31.8709, 47.5127** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **35.3377, 41.8557, 33.0060**, and the grayscale version is **31.4894, 33.1293, 36.0778**.

A 20% lighter version of the original color is **65.9952, 62.5910, 87.9598**, and **15.0359, 13.2507, 21.8438** is the 20% darker color. If you saturate the color by 10%, you get **30.6940, 26.1386, 46.6080**, and if you desaturate by 10%, it is **38.8303, 38.5096, 48.5670**.

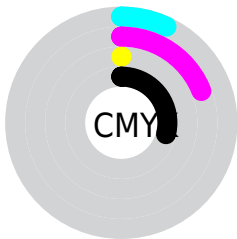
Distribution



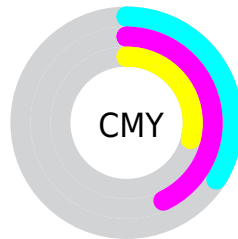
- Red (66%)
- Green (57%)
- Blue (71%)



- Red (66%)
- Yellow (57%)
- Blue (71%)



- Cyan (7%)
- Magenta (19%)
- Yellow (0%)
- Black (29%)



- Cyan (34%)
- Magenta (43%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 34.5121, 31.8709, 47.5127 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 34.5121, 31.8709, 47.5127 by changing the saturation by 10% instead.

■ 34.5121, 31.8709,
47.5127

■ 34.5121, 31.8709,
47.5127

313.9554,
310.5307, 393.3102

■ 23.4520, 21.2629,
33.0839

■ 66.0683, 62.6086,
87.8364

■ 15.0502, 13.3163,
21.9191

■ 87.2951, 83.5072,
114.5684

■ 8.9411, 7.6467,
13.5997

112.6415,
108.6047, 146.2385

■ 4.7596, 3.8697,
7.7072

142.4729,
138.2856, 183.2653

■ 2.1402, 1.6010,
3.8231

177.1546,
172.9343, 226.0673

■ 0.7109, 0.3582,
1.5288

217.0520,

■ 0.0000, 0.0000,

212.9351, 275.0631

0.2393

262.5305,
258.6724, 330.6712

■ 0.0000, 0.0000,
0.0000

■ 34.5121, 31.8709,
47.5127

■ 34.5121, 31.8709,
47.5127

■ 30.6940, 26.1386,
46.6080

■ 38.8303, 38.5096,
48.5670

■ 27.3517, 21.2673,
45.8439

■ 43.6657, 46.0894,
49.7752

■ 24.4632, 17.2136,
45.2137

■ 49.0380, 54.6479,
51.1440

■ 22.0035, 13.9287,
44.7093

■ 54.9650, 64.2196,
52.6791

■ 19.9448, 11.3586,
44.3217

■ 61.4637, 74.8372,
54.3860

■ 18.2558, 9.4418,
44.0407

■ 68.5502, 86.5320,
56.2698

■ 16.8997, 8.1062,
43.8544

■ 70.9203, 88.6941,
56.5623

■ 15.8062, 7.2129,
43.7396

■ 72.7248, 89.6244,
56.6467

■ 15.7484, 7.1669,
43.7338

■ 74.5980, 90.5901,
56.7344

Harmonies

Analogous

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



31.8068, 31.8709, 52.9372



34.5121, 31.8709, 47.5127



36.1360, 31.8709, 39.0444

Triad

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



34.5121, 31.8709, 47.5127



31.7729, 31.8709, 21.2061



25.1231, 31.8709, 39.1463

Complementary

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



34.5121, 31.8709, 47.5127



35.3377, 41.8557, 33.0060

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.



25.1153, 31.8709, 30.6941



34.5121, 31.8709, 47.5127



28.8267, 31.8709, 21.2242

Square

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



34.5121, 31.8709, 47.5127



34.4859, 31.8709, 24.3752



26.4314, 31.8709, 24.4297



26.4533, 31.8709, 47.5977

Rectangle

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



34.5121, 31.8709, 47.5127



36.3235, 31.8709, 33.2530



26.4314, 31.8709, 24.4297



24.9687, 31.8709, 36.1924

Sweetspot

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



34.5131, 31.8723, 47.5134



73.2292, 74.2226, 88.7614



32.0158, 33.5149, 47.9621



15.7094, 15.8577, 19.1551



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

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



34.5131, 31.8723, 47.5134



59.7373, 53.4916, 85.4710



36.6620, 33.0407, 44.8747



8.5615, 8.4980, 10.6954



11.0655, 5.0403, 30.5266



0.4078, 0.1893, 0.9633

Inverse Universe

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



35.0346, 32.3897, 36.3049



60.9055, 54.6266, 61.4533



33.5246, 40.8731, 35.0836



8.6126, 8.5518, 9.4585



13.7671, 7.0244, 3.9333



0.4612, 0.2322, 0.2716

Previews

White Background



This preview shows how the XYZ color 34.5121, 31.8709, 47.5127 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 34.5121, 31.8709, 47.5127 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

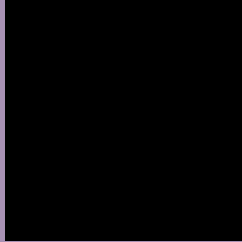
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 34.5121, 31.8709, 47.5127

Background



This preview shows how black text looks on a background with the XYZ color 34.5121, 31.8709, 47.5127.



This preview shows how white text looks on a background with the XYZ color 34.5121, 31.8709,

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

34.5121, 31.8709, 47.5127

Protanopia

31.8393, 32.0702, 50.4110

Deuteranopia

32.5944, 31.8175, 47.0713



Tritanopia

32.6097, 32.0323, 37.7218

Trichromacy



Original Color

34.5121, 31.8709, 47.5127

Protanomaly

32.6211, 31.7838, 49.2153

Deuteranomaly

33.2238, 31.9081, 47.0556

Tritanomaly

33.2908, 32.0768, 40.9960

Monochromacy



Original Color

34.5121, 31.8709, 47.5127

Achromatopsia

31.5995, 33.2452, 36.2040

Achromatomaly

32.5170, 32.6467, 40.1849

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.5121, 31.8709, 47.5127 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(168, 145, 180)` looks like.

```
.text, #text, p{  
    color:rgb(168, 145, 180)  
}
```

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(168, 145, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 145, 180) }
```

Border

The CSS property to change the border of an element to XYZ 34.5121, 31.8709, 47.5127 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(168, 145, 180) }
```


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

```
.border{ border-color:rgb(168, 145, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 145, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 145, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 145, 180);  
box-shadow:4px 4px 4px 4px rgb(168, 145,  
180) }
```

Background

The CSS property to change the background color of an element to XYZ 34.5121, 31.8709, 47.5127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 145, 180) }
```

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

```
.background{ background-color: rgb(168,  
145, 180) }
```

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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