

Converting Colors

XYZ(34.7796, 38.3352, 17.8621)

Have a look what the booklet for
XYZ(34.7796, 38.3352, 17.8621)
contains.

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Color

**XYZ(34.9420, 38.5286,
17.9070)**

Conversions

Conversions Part 1

Format	Color
Hex	B3A865
RGB	179, 168, 101
RGB Percent	70%, 66%, 40%
CMY	0.2980, 0.3412, 0.6039
CMYK	0.00, 0.06, 0.44, 0.30
HSL	52°, 34%, 55%
HSV	52°, 44%, 70%
XYZ	34.9420, 38.5286, 17.9070
YIQ	163.6510, 28.0630, -18.5050

Conversions

Conversions Part 2

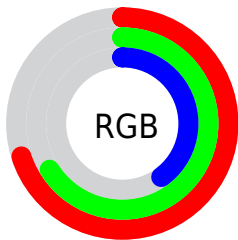
Format	Color
RYB	114, 179, 101
Decimal	11774053
CIELab	68.41, -5.65, 35.96
CIELCh	68, 36.396, 98.923
Yxy	38.5286, 0.3824, 0.4216
Android (android.graphics.Color)	4289964133 (0xFFB3A865)
YUV	163.6510, -30.8869, 13.4611
Hunter-Lab	62.0714, -8.1416, 26.3454

Details

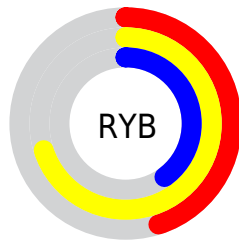
The XYZ color **34.9420, 38.5286, 17.9070** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.2975, 17.6091, 45.0295**, and the grayscale version is **35.2543, 37.0903, 40.3913**.

A 20% lighter version of the original color is **66.7295, 72.9081, 40.6926**, and **15.3227, 17.0987, 5.7416** is the 20% darker color. If you saturate the color by 10%, you get **33.6978, 37.2941, 13.6267**, and if you desaturate by 10%, it is **36.3882, 39.8611, 23.1979**.

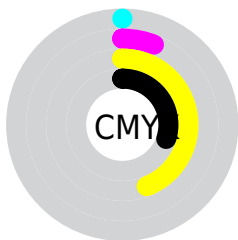
Distribution



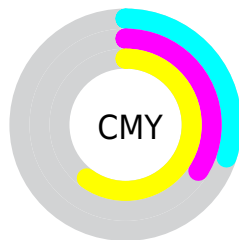
- Red (70%)
- Green (66%)
- Blue (40%)



- Red (45%)
- Yellow (70%)
- Blue (40%)



- Cyan (0%)
- Magenta (6%)
- Yellow (44%)
- Black (30%)





- Cyan (30%)
- Magenta (34%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 34.9420, 38.5286, 17.9070 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 34.9420, 38.5286, 17.9070 by changing the saturation by 10% instead.


 34.9420, 38.5286,
17.9070


 34.9420, 38.5286,
17.9070


315.8248,
339.8821, 252.5648

 23.7845, 26.3932,
10.7145


 66.7305, 72.9176,
40.6906


 15.2977, 17.1180,
5.7634


 88.0923, 95.9400,
57.1187

 9.1163, 10.3187,
2.6353


 113.5861,
123.3603, 77.4625

 4.8748, 5.6108,
0.9106

 143.5775,
155.5627, 102.1405

 2.2080, 2.6099,
0.0000

178.4316,
192.9317, 131.5712

 0.7469, 0.9316,
0.0000

218.5140,

 0.0000, 0.0000,

235.8516, 166.1731

0.0000

264.1899,
284.7070, 206.3648

■ 34.9420, 38.5286,
17.9070

■ 34.9420, 38.5286,
17.9070

■ 33.6978, 37.2941,
13.6267

■ 36.3882, 39.8611,
23.1979

■ 32.6402, 36.1473,
10.2885

■ 38.0449, 41.2910,
29.5572

■ 31.7559, 35.0841,
7.8196


■ 39.9238, 42.8243,
37.0409


■ 31.0290, 34.0981,
6.1348


■ 42.0346, 44.4652,
45.7006


■ 30.4398, 33.1813,
5.1323


■ 44.3865, 46.2172,
55.5846

 30.1076, 32.6182,
4.7091

 46.9883, 48.0841,
66.7385

 49.8482, 50.0692,
79.2057

 52.9741, 52.1756,
93.0274

 55.2089, 53.9407,
102.1095

Harmonies

Analogous

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



40.7164, 38.5286, 18.9027



34.9420, 38.5286, 17.9070



30.1405, 38.5286, 21.9196

Triad

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



34.9420, 38.5286, 17.9070



28.7184, 38.5286, 64.9954



47.8619, 38.5286, 54.3185

Complementary

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



34.9420, 38.5286, 17.9070



19.2975, 17.6091, 45.0295

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.



43.9680, 38.5286, 71.5112



34.9420, 38.5286, 17.9070



32.8085, 38.5286, 78.7061

Square

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



34.9420, 38.5286, 17.9070



26.8009, 38.5286, 47.0247



38.3515, 38.5286, 81.3591



48.5855, 38.5286, 37.2562

Rectangle

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



34.9420, 38.5286, 17.9070



27.9911, 38.5286, 27.7114



38.3515, 38.5286, 81.3591



46.8623, 38.5286, 60.3855

Sweetspot

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



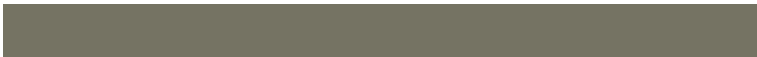
34.9429, 38.5304, 17.9078



71.6296, 76.7984, 66.8531



26.2081, 20.0769, 18.0287



15.6977, 16.8774, 14.1177



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.



34.9429, 38.5304, 17.9078



60.4961, 66.9419, 24.8826



31.3620, 39.8263, 18.3467



9.0929, 9.6984, 9.0452



21.3114, 23.1214, 3.3396



0.6984, 0.7833, 0.1144

Inverse Universe

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



19.2975, 17.6091, 45.0295



28.9472, 24.7747, 79.6375



21.7380, 17.1750, 44.8171



8.1354, 8.4170, 10.7022



6.0285, 2.8573, 30.3708



0.2199, 0.1504, 0.9657

Previews

White Background



This preview shows how the XYZ color 34.9420, 38.5286, 17.9070 looks on a white background.

Color Contrast Check

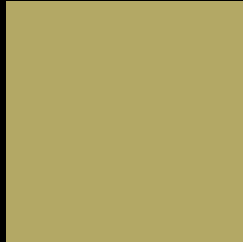
Large Text (above 18pt) WCAG AA × Fail

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 34.9420, 38.5286, 17.9070 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 34.9420, 38.5286, 17.9070

Background



This preview shows how black text looks on a background with the XYZ color 34.9420, 38.5286, 17.9070.



This preview shows how white text looks on a background with the XYZ color 34.9420, 38.5286,

17.9070.

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

34.9420, 38.5286, 17.9070

Protanopia

35.4591, 38.5221, 17.8785

Deuteranopia

39.2034, 38.3321, 18.1646



Tritanopia

40.5107, 38.6850, 44.3615

Trichromacy



Original Color

34.9420, 38.5286, 17.9070

Protanomaly

35.2237, 38.4008, 17.8675

Deuteranomaly

37.5667, 38.2693, 17.9771

Tritanomaly

38.0527, 38.4601, 32.6121

Monochromacy



Original Color

34.9420, 38.5286, 17.9070

Achromatopsia

35.2861, 37.1238, 40.4278

Achromatomaly

34.6250, 37.2684, 30.5679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 34.9420, 38.5286, 17.9070 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(179, 168, 101)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 101)  
}
```

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(179, 168, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 101) }
```

Border

The CSS property to change the border of an element to XYZ 34.9420, 38.5286, 17.9070 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(179, 168, 101) }
```


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

```
.border{ border-color:rgb(179, 168, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 101);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
101) }
```

Background

The CSS property to change the background color of an element to XYZ 34.9420, 38.5286, 17.9070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 101) }
```

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

```
.background{ background-color: rgb(179,  
168, 101) }
```

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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