

Converting Colors

$Y_{xy}(34.0065, 0.4377, 0.4820)$

Have a look what the booklet for
Yxy(34.0065, 0.4377, 0.4820)
contains.

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Color

Yxy(34.0916, 0.4378, 0.4822)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | B39E15 |
| RGB | 179, 158, 21 |
| RGB Percent | 70%, 62%, 8% |
| CMY | 0.2980, 0.3804, 0.9178 |
| CMYK | 0.00, 0.12, 0.88, 0.30 |
| HSL | 52°, 79%, 39% |
| HSV | 52°, 88%, 70% |
| XYZ | 30.9525, 34.0916, 5.6560 |
| YIQ | 148.6610, 56.4930, -38.1550 |

Conversions

Conversions Part 2

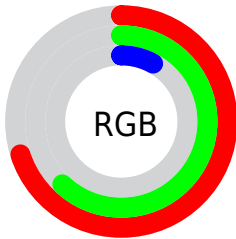
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 45, 179, 21 |
| Decimal | 11771413 |
| CIELab | 65.04, -5.29, 65.09 |
| CIELCh | 65, 65.306, 94.648 |
| Yxy | 34.0916, 0.4378, 0.4822 |
| Android (android.graphics.Color) | 4289961493 (0xFFB39E15) |
| YUV | 148.6610, -62.9369, 26.6073 |
| Hunter-Lab | 58.3880, -7.5530, 35.1282 |

Details

The Yxy color **34.0916, 0.4378, 0.4822** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **5.0664, 0.1613, 0.0881**, and the grayscale version is **30.1556, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8886, 0.4193, 0.4576**, and **14.6530, 0.4418, 0.4874** is the 20% darker color. If you saturate the color by 10%, you get **33.2425, 0.4438, 0.4848**, and if you desaturate by 10%, it is **35.0040, 0.4293, 0.4756**.

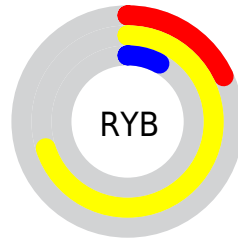
Distribution



Red (70%)

Green (62%)

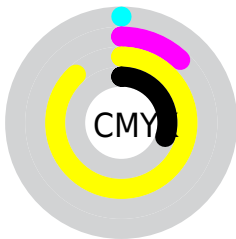
Blue (8%)



Red (18%)

Yellow (70%)

Blue (8%)

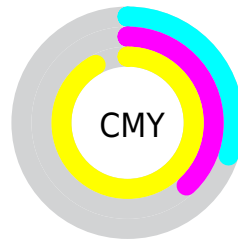


Cyan (0%)

Magenta (12%)

Yellow (88%)

Black (30%)



Cyan (30%)


Magenta (38%)


Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0916, 0.4378, 0.4822 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 Yxy color 34.0916, 0.4378, 0.4822 by changing the saturation by 10% instead.

 34.0916, 0.4378,
0.4822


 34.0916, 0.4378,
0.4822


 320.5403, 0.3804,
0.4089

 22.9640, 0.4479,
0.4965


 66.0761, 0.4196,
0.4579


 14.5669, 0.4575,
0.5116


 87.7017, 0.4118,
0.4480


 8.5160, 0.4691,
0.5309

 113.5955, 0.4049,
0.4393

 4.4269, 0.4646,
0.5354

 144.1419, 0.3988,
0.4316

 1.9151, 0.4571,
0.5429

 179.7251, 0.3934,
0.4249

 0.5574, 0.4182,
0.5818

 220.7297, 0.3886,

 0.0000, 0.0000,

0.4190

0.0000

267.5399, 0.3842,
0.4137

■ 34.0916, 0.4378,
0.4822

■ 34.0916, 0.4378,
0.4822

■ 33.2425, 0.4438,
0.4848

■ 35.0040, 0.4293,
0.4756

■ 33.1000, 0.4447,
0.4851

■ 35.9864, 0.4181,
0.4647

■ 37.0476, 0.4046,
0.4498

■ 38.1936, 0.3895,
0.4317

■ 39.4297, 0.3735,
0.4115

■ 40.7609, 0.3570,
0.3900

■ 42.1915, 0.3407,
0.3680

■ 43.7257, 0.3251,
0.3464

■ 45.3673, 0.3103,
0.3255

Harmonies

Analogous

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



34.0916, 0.4974, 0.4154



34.0916, 0.4378, 0.4822



34.0916, 0.3511, 0.5175

Triad

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



34.0916, 0.4378, 0.4822



34.0916, 0.1522, 0.2643



34.0916, 0.3450, 0.2273

Complementary

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



34.0916, 0.4378, 0.4822



5.0664, 0.1613, 0.0881

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.



34.0916, 0.2486, 0.1932



34.0916, 0.4378, 0.4822



34.0916, 0.1518, 0.2052

Square

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



34.0916, 0.4378, 0.4822



34.0916, 0.1876, 0.3664



34.0916, 0.1833, 0.1844



34.0916, 0.4462, 0.2812

Rectangle

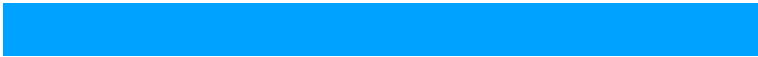
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



34.0916, 0.4378, 0.4822



34.0916, 0.2891, 0.4997



34.0916, 0.1833, 0.1844



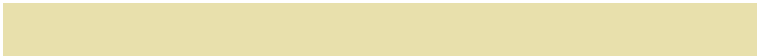
34.0916, 0.3104, 0.2133

Sweetspot

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



34.0932, 0.4378, 0.4822



73.4619, 0.3540, 0.3859



10.2860, 0.5890, 0.3143



16.0880, 0.3596, 0.3934



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



34.0932, 0.4378, 0.4822



59.0412, 0.4452, 0.4847



36.3632, 0.3606, 0.5430



9.7103, 0.3266, 0.3486



23.4583, 0.4444, 0.4853



0.7912, 0.4365, 0.4916

Inverse Universe

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



5.0664, 0.1613, 0.0881



6.8000, 0.1525, 0.0689



5.4478, 0.1932, 0.0906



8.4062, 0.2985, 0.3086



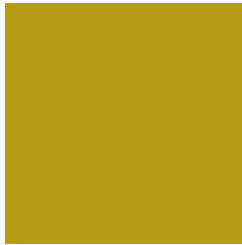
2.8118, 0.1533, 0.0718



0.1459, 0.1639, 0.1098

Previews

White Background



This preview shows how the Yxy color 34.0916, 0.4378, 0.4822 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 Yxy color 34.0916, 0.4378, 0.4822 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](#).

Yxy 34.0916, 0.4378, 0.4822

Background



This preview shows how black text looks on a background with the Yxy color 34.0916, 0.4378, 0.4822.



This preview shows how white text looks on a background with the Yxy color 34.0916, 0.4378, 0.4822.

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

34.0916, 0.4378, 0.4822

Protanopia

33.9728, 0.4368, 0.4830

Deuteranopia

34.0386, 0.4651, 0.4566



Tritanopia

34.0274, 0.3448, 0.3141

Trichromacy



Original Color

34.0916, 0.4378, 0.4822

Protanomaly

33.9728, 0.4368, 0.4830

Deuteranomaly

34.0591, 0.4556, 0.4659

Tritanomaly

33.5302, 0.3919, 0.3890

Monochromacy



Original Color

34.0916, 0.4378, 0.4822

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.8894, 0.3697, 0.4061

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0916, 0.4378, 0.4822 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, 158, 21)` looks like.

```
.text, #text, p{  
    color:rgb(179, 158, 21)  
}
```

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, 158, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 158, 21) }
```

Border

The CSS property to change the border of an element to Yxy 34.0916, 0.4378, 0.4822 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, 158, 21) }
```

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

```
.border{ border-color:rgb(179, 158, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 158, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 158, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 158, 21);  
box-shadow:4px 4px 4px 4px rgb(179, 158,  
21) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0916, 0.4378, 0.4822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 158, 21) }
```

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

```
.background{ background-color: rgb(179,  
158, 21) }
```

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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