

Converting Colors

$Yxy(34.0533, 0.4371, 0.4911)$

Have a look what the booklet for
Yxy(34.0533, 0.4371, 0.4911)
contains.

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Color

Yxy(34.0264, 0.4373, 0.4910)

Conversions

Conversions Part 1

Format	Color
Hex	B09F00
RGB	176, 159, 0
RGB Percent	69%, 62%, 0%
CMY	0.3097, 0.3765, 1.0000
CMYK	0.00, 0.10, 1.00, 0.31
HSL	54°, 100%, 35%
HSV	54°, 100%, 69%
XYZ	30.3050, 34.0264, 4.9688
YIQ	145.9570, 61.1710, -45.8450

Conversions

Conversions Part 2

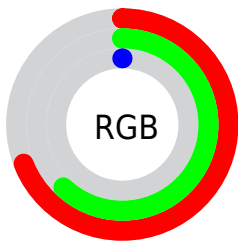
Format	Color
R_{YB}	19, 176, 0
Decimal	11575040
CIE _{Lab}	64.98, -7.48, 68.16
CIE _{LCh}	65, 68.566, 96.267
Yxy	34.0264, 0.4373, 0.4910
Android (android.graphics.Color)	4289765120 (0xFFB09F00)
YUV	145.9570, -71.9568, 26.3477
Hunter-Lab	58.3322, -9.3462, 35.7821

Details

The Yxy color **34.0264, 0.4373, 0.4910** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.5365, 0.1519, 0.0668**, and the grayscale version is **29.0097, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7587, 0.4198, 0.4654**, and **14.6471, 0.4358, 0.4922** is the 20% darker color. If you saturate the color by 10%, you get **34.0281, 0.4373, 0.4910**, and if you desaturate by 10%, it is **34.6598, 0.4325, 0.4882**.

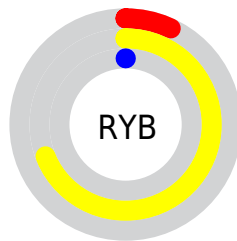
Distribution



Red (69%)

Green (62%)

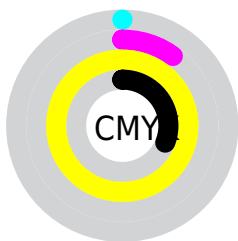
Blue (0%)



Red (7%)

Yellow (69%)

Blue (0%)

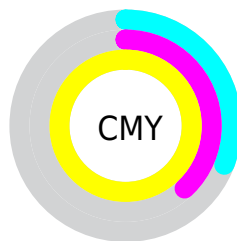


Cyan (0%)

Magenta (10%)

Yellow (100%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0264, 0.4373, 0.4910 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 34.0264, 0.4373, 0.4910 by changing the saturation by 10% instead.


 34.0264, 0.4373,
0.4910


 34.0264, 0.4373,
0.4910


 320.2498, 0.3815,
0.4138


 22.9139, 0.4463,
0.5058


 65.9747, 0.4201,
0.4656


 14.5299, 0.4547,
0.5217


 87.5793, 0.4126,
0.4551

 8.4902, 0.4614,
0.5386

 113.4501, 0.4059,
0.4459

 4.4102, 0.4550,
0.5450

 143.9713, 0.3999,
0.4379

 1.9055, 0.4443,
0.5557

 179.5275, 0.3945,
0.4308

 0.5517, 0.3824,
0.6176

 220.5031, 0.3897,

 0.0000, 0.0000,

0.4244

0.0000

267.2824, 0.3853,
0.4188

34.0264, 0.4373,
0.4910

34.0264, 0.4373,
0.4910

34.0281, 0.4373,
0.4910

34.6598, 0.4325,
0.4882

35.3373, 0.4256,
0.4819

36.0754, 0.4160,
0.4713

36.8811, 0.4040,
0.4566

37.7603, 0.3901,
0.4386

■ 38.7180, 0.3749,
0.4181

■ 39.7591, 0.3590,
0.3961

■ 40.8878, 0.3431,
0.3734

■ 42.1080, 0.3276,
0.3509

Harmonies

Analogous

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



34.0264, 0.5026, 0.4209



34.0264, 0.4373, 0.4910



34.0264, 0.3460, 0.5274

Triad

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



34.0264, 0.4373, 0.4910



34.0264, 0.1450, 0.2560



34.0264, 0.3522, 0.2257

Complementary

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



34.0264, 0.4373, 0.4910



3.5365, 0.1519, 0.0668

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.



34.0264, 0.2502, 0.1893



34.0264, 0.4373, 0.4910



34.0264, 0.1468, 0.1977

Square

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



34.0264, 0.4373, 0.4910



34.0264, 0.1789, 0.3612



34.0264, 0.1808, 0.1785



34.0264, 0.4577, 0.2820

Rectangle

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



34.0264, 0.4373, 0.4910



34.0264, 0.2818, 0.5062



34.0264, 0.1808, 0.1785



34.0264, 0.3156, 0.2109

Sweetspot

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



34.0281, 0.4373, 0.4910



71.9936, 0.3599, 0.3972



9.2742, 0.6280, 0.3233



15.4307, 0.3664, 0.4064



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.0281, 0.4373, 0.4910



61.5188, 0.4376, 0.4907



34.0967, 0.3514, 0.5592



9.7634, 0.3266, 0.3494



25.0096, 0.4371, 0.4912



0.8273, 0.4315, 0.4955

Inverse Universe

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



3.5365, 0.1519, 0.0668



6.2660, 0.1515, 0.0655



4.4524, 0.1848, 0.0792



8.3579, 0.2985, 0.3078



2.6357, 0.1522, 0.0678



0.1259, 0.1603, 0.0972

Previews

White Background



This preview shows how the Yxy color 34.0264, 0.4373, 0.4910 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 34.0264, 0.4373, 0.4910 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 34.0264, 0.4373, 0.4910

Background



This preview shows how black text looks on a background with the Yxy color 34.0264, 0.4373, 0.4910.



This preview shows how white text looks on a background with the Yxy color 34.0264, 0.4373, 0.4910.

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

34.0264, 0.4373, 0.4910

Protanopia

33.9187, 0.4405, 0.4885

Deuteranopia

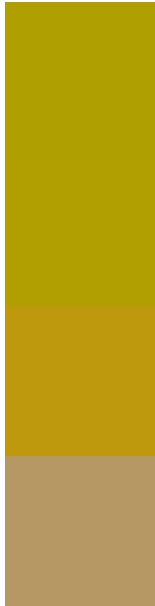
34.0089, 0.4672, 0.4592



Tritanopia

33.9973, 0.3404, 0.3140

Trichromacy



Original Color

34.0264, 0.4373, 0.4910

Protanomaly

33.8008, 0.4394, 0.4893

Deuteranomaly

33.8879, 0.4575, 0.4705

Tritanomaly

33.3411, 0.3949, 0.4006

Monochromacy



Original Color

34.0264, 0.4373, 0.4910

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

30.0916, 0.3754, 0.4192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0264, 0.4373, 0.4910 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(176, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(176, 159, 0)  
}
```

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(176, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 159, 0) }
```

Border

The CSS property to change the border of an element to Yxy 34.0264, 0.4373, 0.4910 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(176, 159, 0) }
```

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

```
.border{ border-color:rgb(176, 159, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 159, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(176, 159,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0264, 0.4373, 0.4910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 159, 0) }
```

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

```
.background{ background-color: rgb(176,  
159, 0) }
```

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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