

Converting Colors

$Yxy(38.0205, 0.4352, 0.4862)$

Have a look what the booklet for
Yxy(38.0205, 0.4352, 0.4862)
contains.

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Color

Yxy(37.9987, 0.4346, 0.4865)

Conversions

Conversions Part 1

Format	Color
Hex	B9A713
RGB	185, 167, 19
RGB Percent	73%, 65%, 7%
CMY	0.2745, 0.3451, 0.9254
CMYK	0.00, 0.10, 0.90, 0.27
HSL	53°, 81%, 40%
HSV	53°, 90%, 73%
XYZ	33.9450, 37.9987, 6.1626
YIQ	155.5100, 58.2360, -42.2120

Conversions

Conversions Part 2

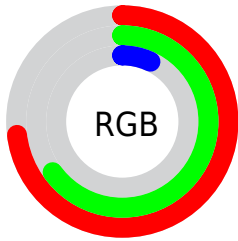
Format	Color
RYB	39, 185, 19
Decimal	12166931
CIELab	68.02, -7.41, 68.07
CIELCh	68, 68.475, 96.212
Yxy	37.9987, 0.4346, 0.4865
Android (android.graphics.Color)	4290357011 (0xFFB9A713)
YUV	155.5100, -67.2994, 25.8627
Hunter-Lab	61.6431, -9.5808, 37.2228

Details

The Yxy color **37.9987, 0.4346, 0.4865** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.9672, 0.1588, 0.0814**, and the grayscale version is **33.3048, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.2796, 0.4180, 0.4624**, and **17.0028, 0.4348, 0.4929** is the 20% darker color. If you saturate the color by 10%, you get **37.2250, 0.4396, 0.4890**, and if you desaturate by 10%, it is **38.8313, 0.4273, 0.4803**.

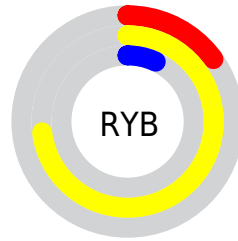
Distribution



Red (73%)

Green (65%)

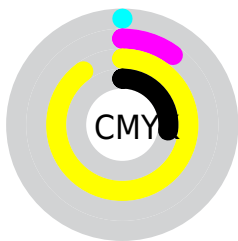
Blue (7%)



Red (15%)

Yellow (73%)

Blue (7%)

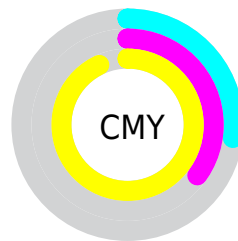


Cyan (0%)

Magenta (10%)

Yellow (90%)

Black (27%)



Cyan (27%)


Magenta (35%)

Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9987, 0.4346, 0.4865 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 37.9987, 0.4346, 0.4865 by changing the saturation by 10% instead.


 37.9987, 0.4346,
0.4865


 37.9987, 0.4346,
0.4865


 337.6144, 0.3803,
0.4122


 25.9817, 0.4437,
0.5009


 72.1061, 0.4178,
0.4621


 16.8099, 0.4522,
0.5162


 94.9654, 0.4105,
0.4520

 10.0991, 0.4631,
0.5369


 122.2074, 0.4040,
0.4432

 5.4647, 0.4575,
0.5425

 154.2167, 0.3981,
0.4354

 2.5224, 0.4486,
0.5514

 191.3777, 0.3929,
0.4286

 0.8878, 0.4275,
0.5725

 234.0747, 0.3883,

 0.0000, 0.0000,

0.4225

0.0000

282.6921, 0.3841,
0.4171

■ 37.9987, 0.4346,
0.4865

■ 37.9987, 0.4346,
0.4865

■ 37.2250, 0.4396,
0.4890

■ 38.8313, 0.4273,
0.4803

■ 37.2029, 0.4397,
0.4890

■ 39.7327, 0.4172,
0.4698

■ 40.7125, 0.4048,
0.4552

■ 41.7773, 0.3906,
0.4372

■ 42.9330, 0.3751,
0.4168

■ 44.1850, 0.3590,
0.3949

■ 45.5380, 0.3429,
0.3724

■ 46.9965, 0.3272,
0.3500

■ 48.5647, 0.3123,
0.3284

Harmonies

Analogous

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



37.9987, 0.4971, 0.4195



37.9987, 0.4346, 0.4865



37.9987, 0.3463, 0.5198

Triad

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



37.9987, 0.4346, 0.4865



37.9987, 0.1499, 0.2592



37.9987, 0.3509, 0.2287

Complementary

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



37.9987, 0.4346, 0.4865



4.9672, 0.1588, 0.0814

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.



37.9987, 0.2523, 0.1932



37.9987, 0.4346, 0.4865



37.9987, 0.1513, 0.2020

Square

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



37.9987, 0.4346, 0.4865



37.9987, 0.1835, 0.3606



37.9987, 0.1847, 0.1829



37.9987, 0.4522, 0.2838

Rectangle

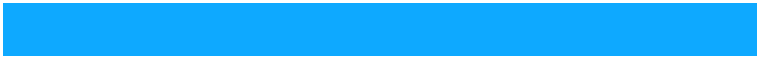
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



37.9987, 0.4346, 0.4865



37.9987, 0.2838, 0.4987



37.9987, 0.1847, 0.1829



37.9987, 0.3156, 0.2143

Sweetspot

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



38.0005, 0.4346, 0.4865



79.6641, 0.3553, 0.3898



10.9243, 0.5986, 0.3174



17.0034, 0.3608, 0.3973



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



38.0005, 0.4346, 0.4865



66.4147, 0.4401, 0.4888



38.8398, 0.3577, 0.5469



10.3325, 0.3266, 0.3492



25.3953, 0.4395, 0.4893



0.9432, 0.4336, 0.4939

Inverse Universe

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



4.9672, 0.1588, 0.0814



7.0122, 0.1518, 0.0663



5.7933, 0.1937, 0.0896



8.8721, 0.2984, 0.3080



2.7820, 0.1525, 0.0688



0.1501, 0.1609, 0.0993

Previews

White Background



This preview shows how the Yxy color 37.9987, 0.4346, 0.4865 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 37.9987, 0.4346, 0.4865 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 37.9987, 0.4346, 0.4865

Background



This preview shows how black text looks on a background with the Yxy color 37.9987, 0.4346, 0.4865.



This preview shows how white text looks on a background with the Yxy color 37.9987, 0.4346, 0.4865.

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

37.9987, 0.4346, 0.4865

Protanopia

37.8842, 0.4376, 0.4841

Deuteranopia

37.7531, 0.4665, 0.4567



Tritanopia

37.8348, 0.3413, 0.3134

Trichromacy



Original Color

37.9987, 0.4346, 0.4865

Protanomaly

37.7586, 0.4366, 0.4849

Deuteranomaly

37.8393, 0.4543, 0.4679

Tritanomaly

37.0649, 0.3890, 0.3911

Monochromacy



Original Color

37.9987, 0.4346, 0.4865

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.3977, 0.3697, 0.4088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9987, 0.4346, 0.4865 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(185, 167, 19)` looks like.

```
.text, #text, p{  
    color:rgb(185, 167, 19)  
}
```

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(185, 167, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 167, 19) }
```

Border

The CSS property to change the border of an element to Yxy 37.9987, 0.4346, 0.4865 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(185, 167, 19) }
```

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

```
.border{ border-color:rgb(185, 167, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 167, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 167, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 167, 19);  
box-shadow:4px 4px 4px 4px rgb(185, 167,  
19) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9987, 0.4346, 0.4865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 167, 19) }
```

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

```
.background{ background-color: rgb(185,  
167, 19) }
```

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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