

Converting Colors

$Yxy(36.7492, 0.4165, 0.4051)$

Have a look what the booklet for
Yxy(36.7492, 0.4165, 0.4051)
contains.

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Color

Yxy(36.5666, 0.4167, 0.4047)

Conversions

Conversions Part 1

Format	Color
Hex	C89B60
RGB	200, 155, 96
RGB Percent	78%, 61%, 38%
CMY	0.2157, 0.3921, 0.6236
CMYK	0.00, 0.22, 0.52, 0.22
HSL	34°, 49%, 58%
HSV	34°, 52%, 78%
XYZ	37.6509, 36.5666, 16.1374
YIQ	161.7290, 45.7590, -8.8090

Conversions

Conversions Part 2

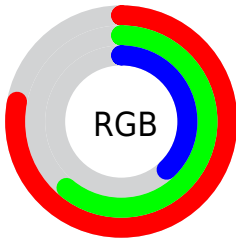
Format	Color
RYB	175, 200, 96
Decimal	13146976
CIELab	66.95, 9.67, 37.18
CIElCh	67, 38.413, 75.427
Yxy	36.5666, 0.4167, 0.4047
Android (android.graphics.Color)	4291337056 (0xFFC89B60)
YUV	161.7290, -32.4044, 33.5637
Hunter-Lab	60.4703, 5.3170, 26.5068

Details

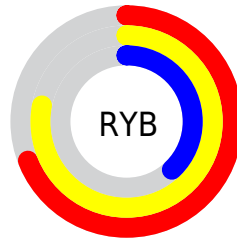
The Yxy color **36.5666, 0.4167, 0.4047** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.6997, 0.2277, 0.2363**, and the grayscale version is **36.1367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9990, 0.3941, 0.3919**, and **15.9537, 0.4453, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **33.4684, 0.4413, 0.4165**, and if you desaturate by 10%, it is **39.9684, 0.3929, 0.3908**.

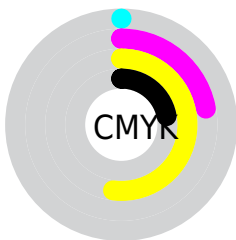
Distribution



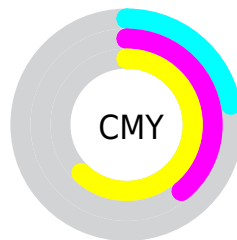
- Red (78%)
- Green (61%)
- Blue (38%)



- Red (69%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (22%)
- Yellow (52%)
- Black (22%)



- Cyan (22%)
- Magenta (39%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5666, 0.4167, 0.4047 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 36.5666, 0.4167, 0.4047 by changing the saturation by 10% instead.


 36.5666, 0.4167,
0.4047


 36.5666, 0.4167,
0.4047


331.4303, 0.3635,
0.3679


 24.8721, 0.4298,
0.4130


 69.9057, 0.3973,
0.3919


 15.9818, 0.4464,
0.4228


 92.3191, 0.3900,
0.3869

 9.5113, 0.4674,
0.4342


 119.0743, 0.3839,
0.3826

 5.0761, 0.4954,
0.4474

 150.5556, 0.3786,
0.3788

 2.2920, 0.5366,
0.4634

187.1475, 0.3740,
0.3756

 0.7695, 0.5586,
0.4414

229.2343, 0.3701,

 0.0000, 0.0000,

0.3727

0.0000

277.2004, 0.3666,
0.3702

■ 36.5666, 0.4167,
0.4047

■ 36.5666, 0.4167,
0.4047

■ 33.4684, 0.4413,
0.4165

■ 39.9684, 0.3929,
0.3908

■ 30.6569, 0.4656,
0.4251

■ 43.6791, 0.3707,
0.3759

■ 28.1211, 0.4883,
0.4292

■ 47.7104, 0.3503,
0.3607

■ 25.8465, 0.5080,
0.4280

■ 52.0717, 0.3320,
0.3459

■ 24.1978, 0.5217,
0.4240

■ 56.7719, 0.3157,
0.3317

■ 61.8196, 0.3014,
0.3184

■ 67.2228, 0.2887,
0.3061

■ 72.9257, 0.2781,
0.2958

■ 77.7007, 0.2788,
0.3053

Harmonies

Analogous

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



36.5666, 0.4286, 0.3626



36.5666, 0.4167, 0.4047



36.5666, 0.3765, 0.4321

Triad

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



36.5666, 0.4167, 0.4047



36.5666, 0.2264, 0.3307



36.5666, 0.2954, 0.2491

Complementary

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



36.5666, 0.4167, 0.4047



25.6997, 0.2277, 0.2363

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.



36.5666, 0.2459, 0.2377



36.5666, 0.4167, 0.4047



36.5666, 0.2091, 0.2784

Square

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



36.5666, 0.4167, 0.4047



36.5666, 0.2664, 0.3896



36.5666, 0.2160, 0.2467



36.5666, 0.3549, 0.2775

Rectangle

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



36.5666, 0.4167, 0.4047



36.5666, 0.3403, 0.4343



36.5666, 0.2160, 0.2467



36.5666, 0.2771, 0.2433

Sweetspot

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



36.5684, 0.4167, 0.4047



86.8975, 0.3395, 0.3521



22.5677, 0.3942, 0.2712



18.2629, 0.3433, 0.3552



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



36.5684, 0.4167, 0.4047



57.4978, 0.4434, 0.4174



53.4964, 0.3817, 0.4561



11.6190, 0.3276, 0.3421



15.5675, 0.5199, 0.4254



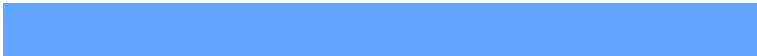
0.8791, 0.4935, 0.4464

Inverse Universe

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



25.6997, 0.2277, 0.2363



36.7698, 0.2108, 0.2125



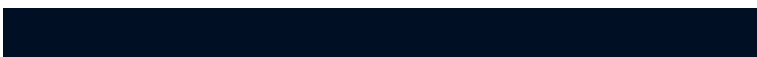
15.4131, 0.2191, 0.1672



11.0295, 0.2983, 0.3155



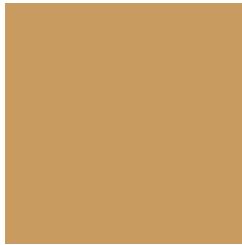
7.1064, 0.1716, 0.1377



0.4798, 0.1830, 0.1789

Previews

White Background



This preview shows how the Yxy color 36.5666, 0.4167, 0.4047 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 36.5666, 0.4167, 0.4047 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 36.5666, 0.4167, 0.4047

Background



This preview shows how black text looks on a background with the Yxy color 36.5666, 0.4167, 0.4047.



This preview shows how white text looks on a background with the Yxy color 36.5666, 0.4167, 0.4047.

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

36.5666, 0.4167, 0.4047

Protanopia

36.5602, 0.3859, 0.4185

Deuteranopia

36.6272, 0.4139, 0.4066



Tritanopia

36.3498, 0.3615, 0.3138

Trichromacy



Original Color

36.5666, 0.4167, 0.4047

Protanomaly

36.4626, 0.3970, 0.4132

Deuteranomaly

36.7636, 0.4150, 0.4062

Tritanomaly

36.2868, 0.3827, 0.3474

Monochromacy



Original Color

36.5666, 0.4167, 0.4047

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8614, 0.3493, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5666, 0.4167, 0.4047 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(200, 155, 96)` looks like.

```
.text, #text, p{  
    color:rgb(200, 155, 96)  
}
```

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(200, 155, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 155, 96) }
```

Border

The CSS property to change the border of an element to Yxy 36.5666, 0.4167, 0.4047 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(200, 155, 96) }
```

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

```
.border{ border-color:rgb(200, 155, 96) }
```

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

Here you see how a box with a 4 pixel rgb(200, 155, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 155, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 155, 96);  
box-shadow:4px 4px 4px 4px rgb(200, 155,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5666, 0.4167, 0.4047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 155, 96) }
```

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

```
.background{ background-color: rgb(200,  
155, 96) }
```

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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