

Converting Colors

$Yxy(36.0063, 0.4050, 0.3901)$

Have a look what the booklet for
Yxy(36.0063, 0.4050, 0.3901)
contains.

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Color

Yxy(36.1785, 0.4050, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	C69A6B
RGB	198, 154, 107
RGB Percent	78%, 60%, 42%
CMY	0.2234, 0.3961, 0.5804
CMYK	0.00, 0.22, 0.46, 0.22
HSL	31°, 44%, 60%
HSV	31°, 46%, 78%
XYZ	37.5027, 36.1785, 18.9180
YIQ	161.7980, 41.3110, -5.2890

Conversions

Conversions Part 2

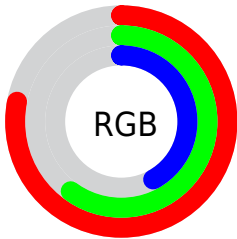
Format	Color
R_{YB}	192, 198, 107
Decimal	13015659
CIE _{Lab}	66.66, 10.45, 30.91
CIE _{LCh}	67, 32.629, 71.317
Yxy	36.1785, 0.4050, 0.3907
Android (android.graphics.Color)	4291205739 (0xFFC69A6B)
YUV	161.7980, -27.0154, 31.7492
Hunter-Lab	60.1486, 6.0349, 23.4560

Details

The Yxy color **36.1785, 0.4050, 0.3907** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.3483, 0.2390, 0.2567**, and the grayscale version is **36.1478, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8750, 0.3863, 0.3798**, and **15.7670, 0.4322, 0.4058** is the 20% darker color. If you saturate the color by 10%, you get **32.7733, 0.4309, 0.4028**, and if you desaturate by 10%, it is **39.9350, 0.3809, 0.3773**.

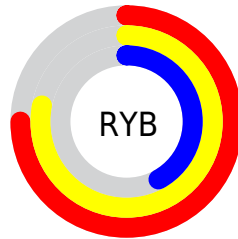
Distribution



Red (78%)

Green (60%)

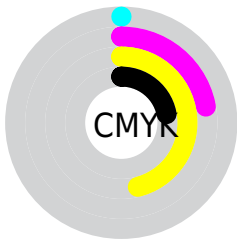
Blue (42%)



Red (75%)

Yellow (78%)

Blue (42%)

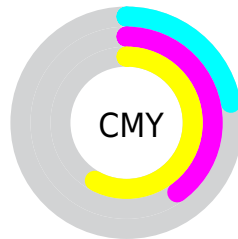


Cyan (0%)

Magenta (22%)

Yellow (46%)

Black (22%)



Cyan (22%)


Magenta (40%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1785, 0.4050, 0.3907 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 36.1785, 0.4050, 0.3907 by changing the saturation by 10% instead.


 36.1785, 0.4050,
0.3907


 36.1785, 0.4050,
0.3907

329.7401, 0.3572,
0.3604

 24.5721, 0.4172,
0.3977


 69.3075, 0.3874,
0.3800

 15.7585, 0.4328,
0.4063


 91.5988, 0.3808,
0.3759

 9.3534, 0.4532,
0.4166


 118.2207, 0.3753,
0.3723

 4.9724, 0.4807,
0.4284

 149.5573, 0.3706,
0.3693

 2.2311, 0.5409,
0.4591

185.9932, 0.3665,
0.3666

 0.7369, 0.5659,
0.4341

227.9126, 0.3630,

 0.0000, 0.0000,

0.3643

0.0000

275.7001, 0.3599,
0.3622

■ 36.1785, 0.4050,
0.3907

■ 36.1785, 0.4050,
0.3907

■ 32.7733, 0.4309,
0.4028

■ 39.9350, 0.3809,
0.3773

■ 29.7017, 0.4576,
0.4123

■ 44.0491, 0.3589,
0.3634

■ 26.9519, 0.4839,
0.4182


■ 48.5337, 0.3393,
0.3497


■ 24.5089, 0.5081,
0.4192

■ 53.3991, 0.3220,
0.3365


■ 22.3553, 0.5288,
0.4148

■ 58.6552, 0.3068,
0.3241

 21.5575, 0.5366,
0.4121

 64.3115, 0.2936,
0.3125

 70.3773, 0.2820,
0.3019

 76.1715, 0.2775,
0.3027

 81.6696, 0.2783,
0.3132

Harmonies

Analogous

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



36.1785, 0.4106, 0.3538



36.1785, 0.4050, 0.3907



36.1785, 0.3738, 0.4153

Triad

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



36.1785, 0.4050, 0.3907



36.1785, 0.2422, 0.3380



36.1785, 0.2917, 0.2573

Complementary

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



36.1785, 0.4050, 0.3907



29.3483, 0.2390, 0.2567

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.



36.1785, 0.2505, 0.2499



36.1785, 0.4050, 0.3907



36.1785, 0.2239, 0.2917

Square

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



36.1785, 0.4050, 0.3907



36.1785, 0.2795, 0.3861



36.1785, 0.2269, 0.2610



36.1785, 0.3421, 0.2804

Rectangle

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



36.1785, 0.4050, 0.3907



36.1785, 0.3439, 0.4188



36.1785, 0.2269, 0.2610



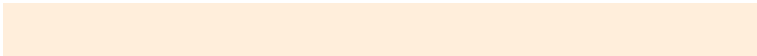
36.1785, 0.2764, 0.2529

Sweetspot

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



36.1802, 0.4050, 0.3907



87.3829, 0.3361, 0.3473



24.8095, 0.3725, 0.2697



18.3136, 0.3401, 0.3503



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.



36.1802, 0.4050, 0.3907



58.0997, 0.4305, 0.4026



53.4685, 0.3801, 0.4404



11.5274, 0.3277, 0.3409



14.1882, 0.5346, 0.4137



0.8164, 0.5043, 0.4378

Inverse Universe

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



29.3483, 0.2390, 0.2567



44.5469, 0.2237, 0.2376



17.7214, 0.2266, 0.1866



11.1201, 0.2983, 0.3168



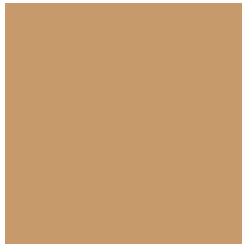
8.2354, 0.1761, 0.1540



0.5348, 0.1869, 0.1928

Previews

White Background



This preview shows how the Yxy color 36.1785, 0.4050, 0.3907 looks on a white background.

Color Contrast Check

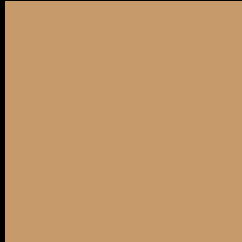
Large Text (above 18pt) WCAG AA × Fail

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 36.1785, 0.4050, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

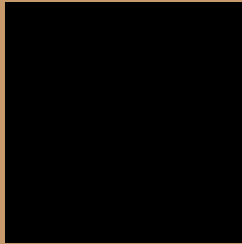
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 36.1785, 0.4050, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 36.1785, 0.4050, 0.3907.



This preview shows how white text looks on a background with the Yxy color 36.1785, 0.4050, 0.3907.

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

36.1785, 0.4050, 0.3907

Protanopia

36.1966, 0.3746, 0.4031

Deuteranopia

36.1063, 0.4012, 0.3928



Tritanopia

36.0672, 0.3594, 0.3137

Trichromacy



Original Color

36.1785, 0.4050, 0.3907

Protanomaly

36.0907, 0.3855, 0.3983

Deuteranomaly

36.2400, 0.4023, 0.3925

Tritanomaly

36.1236, 0.3764, 0.3423

Monochromacy



Original Color

36.1785, 0.4050, 0.3907

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.8632, 0.3445, 0.3534

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1785, 0.4050, 0.3907 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(198, 154, 107)` looks like.

```
.text, #text, p{  
    color:rgb(198, 154, 107)  
}
```

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(198, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 154, 107) }
```

Border

The CSS property to change the border of an element to Yxy 36.1785, 0.4050, 0.3907 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(198, 154, 107) }
```

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

```
.border{ border-color:rgb(198, 154, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 154, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(198, 154,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1785, 0.4050, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 154, 107) }
```

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

```
.background{ background-color: rgb(198,  
154, 107) }
```

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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