

Converting Colors

$Yxy(34.4224, 0.4204, 0.4064)$

Have a look what the booklet for
Yxy(34.4224, 0.4204, 0.4064)
contains.

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Color

Yxy(34.3038, 0.4208, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	C4965B
RGB	196, 150, 91
RGB Percent	77%, 59%, 36%
CMY	0.2313, 0.4118, 0.6431
CMYK	0.00, 0.23, 0.54, 0.23
HSL	34°, 47%, 56%
HSV	34°, 54%, 77%
XYZ	35.5630, 34.3038, 14.6461
YIQ	157.0280, 46.3550, -8.5970

Conversions

Conversions Part 2

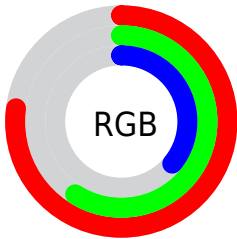
Format	Color
RYB	173, 196, 91
Decimal	12883547
CIELab	65.20, 10.28, 37.53
CIELCh	65, 38.913, 74.680
Yxy	34.3038, 0.4208, 0.4059
Android (android.graphics.Color)	4291073627 (0xFFC4965B)
YUV	157.0280, -32.5518, 34.1784
Hunter-Lab	58.5694, 5.8877, 26.1723

Details

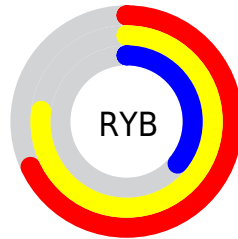
The Yxy color **34.3038, 0.4208, 0.4059** is a dark color, and the websafe version is hex **CC9966**. The color can be described as middle muted orange. A complement of this color would be **24.1099, 0.2255, 0.2341**, and the grayscale version is **33.8654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3987, 0.4008, 0.3930**, and **14.5871, 0.4517, 0.4239** is the 20% darker color. If you saturate the color by 10%, you get **31.3684, 0.4456, 0.4172**, and if you desaturate by 10%, it is **37.5319, 0.3967, 0.3924**.

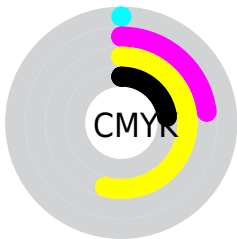
Distribution



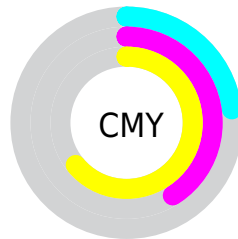
- Red (77%)
- Green (59%)
- Blue (36%)



- Red (68%)
- Yellow (77%)
- Blue (36%)



- Cyan (0%)
- Magenta (23%)
- Yellow (54%)
- Black (23%)





- Cyan (23%)
- Magenta (41%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3038, 0.4208, 0.4059 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 34.3038, 0.4208, 0.4059 by changing the saturation by 10% instead.

 34.3038, 0.4208,
0.4059


 34.3038, 0.4208,
0.4059

321.4846, 0.3649,
0.3683


 23.1271, 0.4347,
0.4143


 66.4058, 0.4004,
0.3928


 14.6874, 0.4522,
0.4242


 88.0999, 0.3927,
0.3877

 8.6003, 0.4745,
0.4355


 114.0686, 0.3862,
0.3833

 4.4814, 0.5074,
0.4509

 144.6963, 0.3807,
0.3795

 1.9463, 0.5424,
0.4576

180.3673, 0.3760,
0.3762

 0.5760, 0.5809,
0.4191

221.4661, 0.3718,

 0.0000, 0.0000,

0.3732

0.0000

268.3771, 0.3682,
0.3707

■ 34.3038, 0.4208,
0.4059

■ 34.3038, 0.4208,
0.4059

■ 31.3684, 0.4456,
0.4172

■ 37.5319, 0.3967,
0.3924

■ 28.7093, 0.4700,
0.4250

■ 41.0581, 0.3741,
0.3777

■ 26.3157, 0.4926,
0.4282

■ 44.8939, 0.3534,
0.3627

■ 24.1733, 0.5121,
0.4262

■ 49.0483, 0.3348,
0.3480

■ 22.9145, 0.5232,
0.4228

■ 53.5301, 0.3182,
0.3338

■ 58.3475, 0.3035,
0.3206

■ 63.5086, 0.2906,
0.3082

■ 69.0209, 0.2793,
0.2968

■ 74.0655, 0.2760,
0.2990

Harmonies

Analogous

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



34.3038, 0.4325, 0.3622



34.3038, 0.4208, 0.4059



34.3038, 0.3796, 0.4352

Triad

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



34.3038, 0.4208, 0.4059



34.3038, 0.2244, 0.3321



34.3038, 0.2933, 0.2462

Complementary

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



34.3038, 0.4208, 0.4059



24.1099, 0.2255, 0.2341

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.



34.3038, 0.2427, 0.2349



34.3038, 0.4208, 0.4059



34.3038, 0.2061, 0.2776

Square

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



34.3038, 0.4208, 0.4059



34.3038, 0.2660, 0.3933



34.3038, 0.2125, 0.2445



34.3038, 0.3547, 0.2750

Rectangle

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



34.3038, 0.4208, 0.4059



34.3038, 0.3425, 0.4384



34.3038, 0.2125, 0.2445



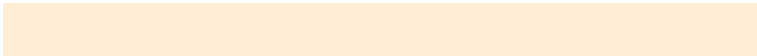
34.3038, 0.2745, 0.2403

Sweetspot

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



34.3055, 0.4208, 0.4059



86.7631, 0.3395, 0.3519



21.0642, 0.3951, 0.2675



18.2308, 0.3434, 0.3550



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.



34.3055, 0.4208, 0.4059



56.0944, 0.4491, 0.4185



51.2886, 0.3849, 0.4584



10.9955, 0.3275, 0.3419



14.8948, 0.5214, 0.4242



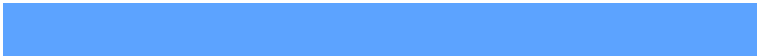
0.7789, 0.4927, 0.4470

Inverse Universe

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



24.1099, 0.2255, 0.2341



35.7933, 0.2081, 0.2093



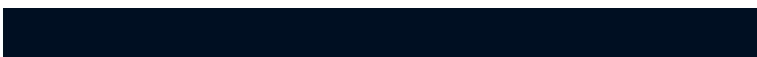
13.9709, 0.2146, 0.1615



10.4580, 0.2984, 0.3157



6.9918, 0.1721, 0.1397



0.4391, 0.1844, 0.1836

Previews

White Background



This preview shows how the Yxy color 34.3038, 0.4208, 0.4059 looks on a white background.

Color Contrast Check

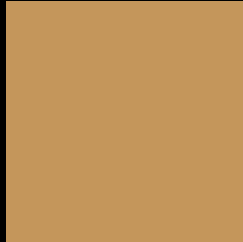
Large Text (above 18pt) WCAG AA × Fail

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 34.3038, 0.4208, 0.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

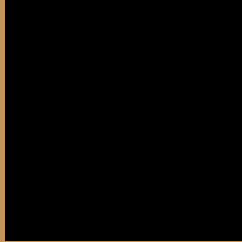
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3038, 0.4208, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 34.3038, 0.4208, 0.4059.



This preview shows how white text looks on a background with the Yxy color 34.3038, 0.4208, 0.4059.

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

34.3038, 0.4208, 0.4059

Protanopia

34.6031, 0.3884, 0.4216

Deuteranopia

34.2260, 0.4169, 0.4083



Tritanopia

34.3623, 0.3648, 0.3161

Trichromacy



Original Color

34.3038, 0.4208, 0.4059

Protanomaly

34.5123, 0.3998, 0.4161

Deuteranomaly

34.3579, 0.4179, 0.4079

Tritanomaly

34.3116, 0.3867, 0.3504

Monochromacy



Original Color

34.3038, 0.4208, 0.4059

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4626, 0.3504, 0.3599

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3038, 0.4208, 0.4059 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(196, 150, 91)` looks like.

```
.text, #text, p{  
    color:rgb(196, 150, 91)  
}
```

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(196, 150, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 150, 91) }
```

Border

The CSS property to change the border of an element to Yxy 34.3038, 0.4208, 0.4059 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(196, 150, 91) }
```

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

```
.border{ border-color:rgb(196, 150, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 150, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 150, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 150, 91);  
box-shadow:4px 4px 4px 4px rgb(196, 150,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3038, 0.4208, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 150, 91) }
```

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

```
.background{ background-color: rgb(196,  
150, 91) }
```

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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