

Converting Colors

$Y_{xy}(34.1010, 0.4046, 0.3804)$

Have a look what the booklet for
Yxy(34.1010, 0.4046, 0.3804)
contains.

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Color

Yxy(34.0197, 0.4046, 0.3811)

Conversions

Conversions Part 1

Format	Color
Hex	C4946D
RGB	196, 148, 109
RGB Percent	77%, 58%, 43%
CMY	0.2313, 0.4196, 0.5726
CMYK	0.00, 0.24, 0.44, 0.23
HSL	27°, 42%, 60%
HSV	27°, 44%, 77%
XYZ	36.1175, 34.0197, 19.1299
YIQ	157.9060, 41.1270, -1.9530

Conversions

Conversions Part 2

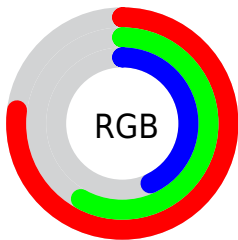
Format	Color
R _Y B	196, 180, 109
Decimal	12883053
CIE Lab	64.98, 13.11, 27.60
CIE LCh	65, 30.558, 64.589
Yxy	34.0197, 0.4046, 0.3811
Android (android.graphics.Color)	4291073133 (0xFFC4946D)
YUV	157.9060, -24.1107, 33.4084
Hunter-Lab	58.3264, 8.4614, 21.3825

Details

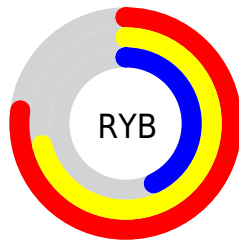
The Yxy color **34.0197, 0.4046, 0.3811** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.3547, 0.2432, 0.2692**, and the grayscale version is **34.2456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.8851, 0.3863, 0.3719**, and **14.4618, 0.4334, 0.3934** is the 20% darker color. If you saturate the color by 10%, you get **30.4092, 0.4324, 0.3918**, and if you desaturate by 10%, it is **38.0447, 0.3792, 0.3693**.

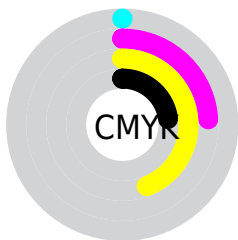
Distribution



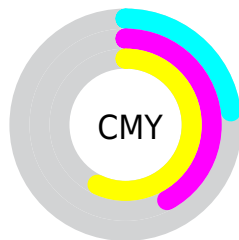
- Red (77%)
- Green (58%)
- Blue (43%)



- Red (77%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (24%)
- Yellow (44%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.0197, 0.4046, 0.3811 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 34.0197, 0.4046, 0.3811 by changing the saturation by 10% instead.


 34.0197, 0.4046,
0.3811

 34.0197, 0.4046,
0.3811


320.2199, 0.3563,
0.3555


 22.9087, 0.4172,
0.3870


 65.9643, 0.3866,
0.3721


 14.5261, 0.4336,
0.3942


 87.5667, 0.3799,
0.3686

 8.4875, 0.4556,
0.4028


 113.4351, 0.3744,
0.3656

 4.4084, 0.4860,
0.4124

 143.9538, 0.3696,
0.3630

 1.9046, 0.5573,
0.4427

179.5072, 0.3656,
0.3608

 0.5511, 0.6049,
0.3951

220.4798, 0.3621,

 0.0000, 0.0000,

0.3588

0.0000

267.2559, 0.3590,
0.3571

■ 34.0197, 0.4046,
0.3811

■ 34.0197, 0.4046,
0.3811

■ 30.4092, 0.4324,
0.3918

■ 38.0447, 0.3792,
0.3693

■ 27.1933, 0.4619,
0.4003

■ 42.4932, 0.3566,
0.3571

■ 24.3575, 0.4917,
0.4054


■ 47.3803, 0.3368,
0.3452


■ 21.8841, 0.5198,
0.4058

■ 52.7186, 0.3195,
0.3338


■ 19.7532, 0.5442,
0.4007


■ 58.5201, 0.3046,
0.3231

 18.6935, 0.5565,
0.3963

 64.7965, 0.2917,
0.3132

 71.5588, 0.2806,
0.3042

 78.1020, 0.2766,
0.3069

 84.4680, 0.2776,
0.3187

Harmonies

Analogous

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



34.0197, 0.4035, 0.3445



34.0197, 0.4046, 0.3811



34.0197, 0.3797, 0.4080

Triad

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



34.0197, 0.4046, 0.3811



34.0197, 0.2518, 0.3485



34.0197, 0.2827, 0.2571

Complementary

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



34.0197, 0.4046, 0.3811



31.3547, 0.2432, 0.2692

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.



34.0197, 0.2464, 0.2539



34.0197, 0.4046, 0.3811



34.0197, 0.2297, 0.3024

Square

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



34.0197, 0.4046, 0.3811



34.0197, 0.2909, 0.3918



34.0197, 0.2279, 0.2690



34.0197, 0.3299, 0.2763

Rectangle

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



34.0197, 0.4046, 0.3811



34.0197, 0.3529, 0.4150



34.0197, 0.2279, 0.2690



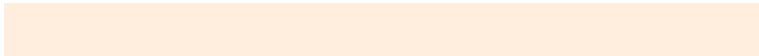
34.0197, 0.2689, 0.2541

Sweetspot

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



34.0213, 0.4046, 0.3811



86.9256, 0.3346, 0.3438



25.1535, 0.3620, 0.2645



18.1612, 0.3387, 0.3464



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.



34.0213, 0.4046, 0.3811



55.4277, 0.4308, 0.3913



49.7601, 0.3808, 0.4308



10.8046, 0.3278, 0.3394



12.1764, 0.5542, 0.3982



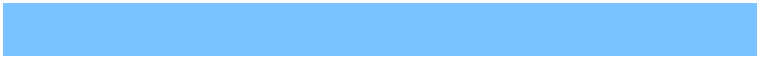
0.6635, 0.5166, 0.4280

Inverse Universe

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



31.3547, 0.2432, 0.2692



49.9743, 0.2292, 0.2537



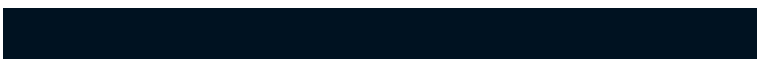
19.4529, 0.2316, 0.2013



10.6487, 0.2984, 0.3184



9.6464, 0.1825, 0.1770



0.5528, 0.1928, 0.2142

Previews

White Background



This preview shows how the Yxy color 34.0197, 0.4046, 0.3811 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 34.0197, 0.4046, 0.3811 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

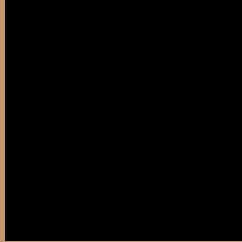
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0197, 0.4046, 0.3811

Background



This preview shows how black text looks on a background with the Yxy color 34.0197, 0.4046, 0.3811.



This preview shows how white text looks on a background with the Yxy color 34.0197, 0.4046, 0.3811.

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

34.0197, 0.4046, 0.3811

Protanopia

34.1920, 0.3674, 0.3952

Deuteranopia

34.0347, 0.3963, 0.3880



Tritanopia

33.9253, 0.3641, 0.3148

Trichromacy



Original Color

34.0197, 0.4046, 0.3811

Protanomaly

33.8648, 0.3799, 0.3890

Deuteranomaly

34.1019, 0.4001, 0.3859

Tritanomaly

33.8948, 0.3799, 0.3385

Monochromacy



Original Color

34.0197, 0.4046, 0.3811

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7753, 0.3446, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0197, 0.4046, 0.3811 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, 148, 109)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 109)  
}
```

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, 148, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 109) }
```

Border

The CSS property to change the border of an element to Yxy 34.0197, 0.4046, 0.3811 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, 148, 109) }
```

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

```
.border{ border-color:rgb(196, 148, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 148, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 148, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 148, 109);  
box-shadow:4px 4px 4px 4px rgb(196, 148,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0197, 0.4046, 0.3811 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 148, 109) }
```

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

```
.background{ background-color: rgb(196,  
148, 109) }
```

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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