

Converting Colors

Yxy(34.4657, 0.4070, 0.4100)

Have a look what the booklet for
Yxy(34.4657, 0.4070, 0.4100)
contains.

Yxy(34.6107, 0.4066, 0.4101)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.6107, 0.4066, 0.4101)

Conversions

Conversions Part 1

Format	Color
Hex	BC9A5E
RGB	188, 154, 94
RGB Percent	74%, 60%, 37%
CMY	0.2628, 0.3961, 0.6312
CMYK	0.00, 0.18, 0.50, 0.26
HSL	38°, 41%, 55%
HSV	38°, 50%, 74%
XYZ	34.3153, 34.6107, 15.4697
YIQ	157.3260, 39.5240, -11.4520

Conversions

Conversions Part 2

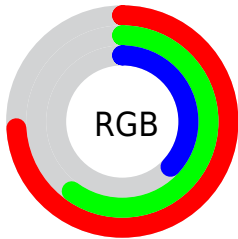
Format	Color
RYB	147, 188, 94
Decimal	12360286
CIELab	65.44, 4.98, 36.06
CIElCh	65, 36.402, 82.143
Yxy	34.6107, 0.4066, 0.4101
Android (android.graphics.Color)	4290550366 (0xFFBC9A5E)
YUV	157.3260, -31.2197, 26.9011
Hunter-Lab	58.8309, 1.1628, 25.5911

Details

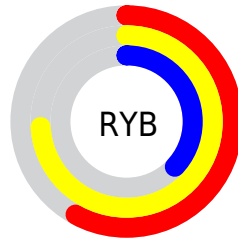
The Yxy color **34.6107, 0.4066, 0.4101** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **21.4573, 0.2292, 0.2296**, and the grayscale version is **34.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7489, 0.3894, 0.3958**, and **14.8033, 0.4329, 0.4313** is the 20% darker color. If you saturate the color by 10%, you get **32.1330, 0.4285, 0.4239**, and if you desaturate by 10%, it is **37.3011, 0.3851, 0.3944**.

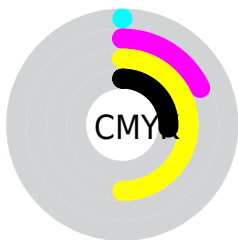
Distribution



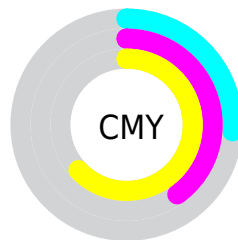
- Red (74%)
- Green (60%)
- Blue (37%)



- Red (58%)
- Yellow (74%)
- Blue (37%)



- Cyan (0%)
- Magenta (18%)
- Yellow (50%)
- Black (26%)





- Cyan (26%)
- Magenta (40%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.6107, 0.4066, 0.4101 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 34.6107, 0.4066, 0.4101 by changing the saturation by 10% instead.


 34.6107, 0.4066,
0.4101

 34.6107, 0.4066,
0.4101


322.8466, 0.3583,
0.3694


 23.3631, 0.4186,
0.4197


 66.8822, 0.3890,
0.3956


 14.8619, 0.4337,
0.4315


 88.6750, 0.3823,
0.3900

 8.7225, 0.4528,
0.4457


 114.7517, 0.3768,
0.3853

 4.5606, 0.4797,
0.4647

 145.4966, 0.3720,
0.3812

 1.9919, 0.5143,
0.4857

181.2941, 0.3678,
0.3777

 0.6027, 0.5353,
0.4647

222.5287, 0.3643,

 0.0000, 0.0000,

0.3746

0.0000

269.5848, 0.3611,
0.3719

■ 34.6107, 0.4066,
0.4101

■ 34.6107, 0.4066,
0.4101

■ 32.1330, 0.4285,
0.4239

■ 37.3011, 0.3851,
0.3944

■ 29.8548, 0.4499,
0.4347

■ 40.2068, 0.3646,
0.3778

■ 27.7689, 0.4696,
0.4413

■ 43.3364, 0.3456,
0.3610

■ 25.8648, 0.4867,
0.4430

■ 46.6965, 0.3283,
0.3446

■ 24.1240, 0.5011,
0.4403

■ 50.2932, 0.3127,
0.3290

■ 24.1205, 0.5011,
0.4403

■ 54.1324, 0.2987,
0.3143

■ 58.2199, 0.2863,
0.3006

■ 62.5610, 0.2753,
0.2880

■ 66.6195, 0.2700,
0.2848

Harmonies

Analogous

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



34.6107, 0.4249, 0.3715



34.6107, 0.4066, 0.4101



34.6107, 0.3633, 0.4308

Triad

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



34.6107, 0.4066, 0.4101



34.6107, 0.2234, 0.3182



34.6107, 0.3087, 0.2565

Complementary

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



34.6107, 0.4066, 0.4101



21.4573, 0.2292, 0.2296

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.



34.6107, 0.2574, 0.2414



34.6107, 0.4066, 0.4101



34.6107, 0.2118, 0.2715

Square

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



34.6107, 0.4066, 0.4101



34.6107, 0.2578, 0.3754



34.6107, 0.2236, 0.2456



34.6107, 0.3659, 0.2871

Rectangle

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



34.6107, 0.4066, 0.4101



34.6107, 0.3272, 0.4274



34.6107, 0.2236, 0.2456



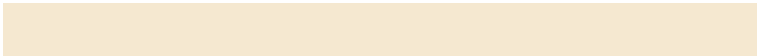
34.6107, 0.2902, 0.2495

Sweetspot

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



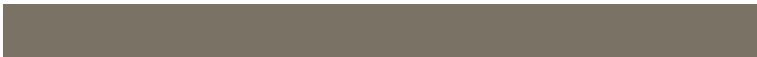
34.6123, 0.4066, 0.4101



81.3759, 0.3372, 0.3532



20.2740, 0.3986, 0.2818



17.2259, 0.3409, 0.3566



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



34.6123, 0.4066, 0.4101



57.8095, 0.4307, 0.4251



45.9410, 0.3734, 0.4539



10.5241, 0.3273, 0.3436



16.5686, 0.4998, 0.4413



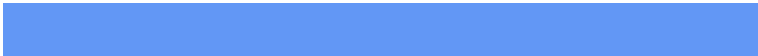
0.7690, 0.4759, 0.4603

Inverse Universe

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



21.4573, 0.2292, 0.2296



31.3232, 0.2108, 0.2028



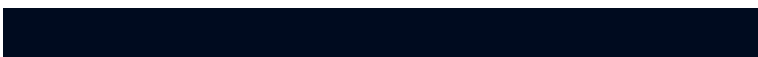
14.7413, 0.2294, 0.1771



9.7752, 0.2984, 0.3140



5.4174, 0.1660, 0.1175



0.3378, 0.1799, 0.1676

Previews

White Background



This preview shows how the Yxy color 34.6107, 0.4066, 0.4101 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 34.6107, 0.4066, 0.4101 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

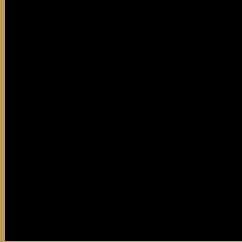
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.6107, 0.4066, 0.4101

Background



This preview shows how black text looks on a background with the Yxy color 34.6107, 0.4066, 0.4101.



This preview shows how white text looks on a background with the Yxy color 34.6107, 0.4066, 0.4101.

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

34.6107, 0.4066, 0.4101

Protanopia

34.6395, 0.3866, 0.4190

Deuteranopia

34.6202, 0.4124, 0.4047



Tritanopia

34.4957, 0.3513, 0.3131

Trichromacy



Original Color

34.6107, 0.4066, 0.4101

Protanomaly

34.5239, 0.3941, 0.4159

Deuteranomaly

34.6851, 0.4096, 0.4066

Tritanomaly

34.4506, 0.3725, 0.3482

Monochromacy



Original Color

34.6107, 0.4066, 0.4101

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.8230, 0.3457, 0.3616

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6107, 0.4066, 0.4101 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(188, 154, 94)` looks like.

```
.text, #text, p{  
    color:rgb(188, 154, 94)  
}
```

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(188, 154, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 154, 94) }
```

Border

The CSS property to change the border of an element to Yxy 34.6107, 0.4066, 0.4101 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(188, 154, 94) }
```

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

```
.border{ border-color:rgb(188, 154, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 154, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 154, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 154, 94);  
box-shadow:4px 4px 4px 4px rgb(188, 154,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6107, 0.4066, 0.4101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 154, 94) }
```

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

```
.background{ background-color: rgb(188,  
154, 94) }
```

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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