

Converting Colors

$Yxy(34.5817, 0.3798, 0.3798)$

Have a look what the booklet for
Yxy(34.5817, 0.3798, 0.3798)
contains.

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Color

Yxy(34.6096, 0.3793, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	B89A76
RGB	184, 154, 118
RGB Percent	72%, 60%, 46%
CMY	0.2785, 0.3960, 0.5372
CMYK	0.00, 0.16, 0.36, 0.28
HSL	33°, 32%, 59%
HSV	33°, 36%, 72%
XYZ	34.5914, 34.6096, 21.9969
YIQ	158.8660, 29.4360, -4.8360

Conversions

Conversions Part 2

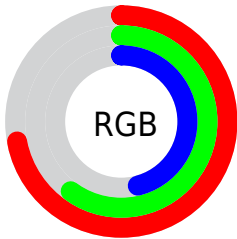
Format	Color
RYB	173, 184, 118
Decimal	12098166
CIELab	65.44, 5.93, 23.07
CIElCh	65, 23.817, 75.577
Yxy	34.6096, 0.3793, 0.3795
Android (android.graphics.Color)	4290288246 (0xFFB89A76)
YUV	158.8660, -20.1469, 22.0425
Hunter-Lab	58.8299, 2.0037, 19.0120

Details

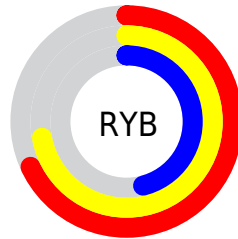
The Yxy color **34.6096, 0.3793, 0.3795** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.4874, 0.2553, 0.2723**, and the grayscale version is **34.6908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7148, 0.3667, 0.3702**, and **14.8760, 0.4012, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **31.5511, 0.4025, 0.3936**, and if you desaturate by 10%, it is **37.9488, 0.3580, 0.3650**.

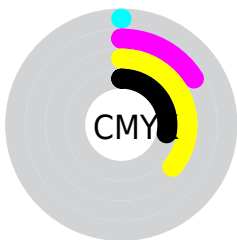
Distribution



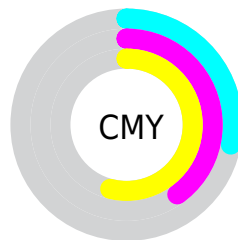
- Red (72%)
- Green (60%)
- Blue (46%)



- Red (68%)
- Yellow (72%)
- Blue (46%)



- Cyan (0%)
- Magenta (16%)
- Yellow (36%)
- Black (28%)





- Cyan (28%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.6096, 0.3793, 0.3795 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 34.6096, 0.3793, 0.3795 by changing the saturation by 10% instead.


 34.6096, 0.3793,
0.3795


 34.6096, 0.3793,
0.3795


322.8418, 0.3444,
0.3538


 23.3623, 0.3884,
0.3859


 66.8805, 0.3663,
0.3701

 14.8613, 0.4004,
0.3942


 88.6730, 0.3615,
0.3666

 8.7221, 0.4165,
0.4049


 114.7492, 0.3575,
0.3636

 4.5603, 0.4393,
0.4190

145.4937, 0.3541,
0.3611

 1.9917, 0.4900,
0.4533

181.2908, 0.3511,
0.3589

 0.6026, 0.5435,
0.4565

222.5249, 0.3486,

 0.0000, 0.0000,

0.3569

0.0000

269.5804, 0.3464,
0.3552

■ 34.6096, 0.3793,
0.3795

■ 34.6096, 0.3793,
0.3795

■ 31.5511, 0.4025,
0.3936

■ 37.9488, 0.3580,
0.3650

■ 28.7597, 0.4273,
0.4063

■ 41.5724, 0.3388,
0.3506

■ 26.2275, 0.4526,
0.4166

■ 45.4897, 0.3218,
0.3368

■ 23.9441, 0.4774,
0.4232

■ 49.7085, 0.3067,
0.3237

■ 21.8982, 0.5002,
0.4251

■ 54.2358, 0.2935,
0.3116

■ 20.0760, 0.5197,
0.4217

■ 59.0786, 0.2819,
0.3003

■ 19.3789, 0.5273,
0.4195

■ 64.2437, 0.2718,
0.2900

■ 69.0633, 0.2682,
0.2911

■ 73.5856, 0.2692,
0.3006

Harmonies

Analogous

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



34.6096, 0.3858, 0.3532



34.6096, 0.3793, 0.3795



34.6096, 0.3545, 0.3942

Triad

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



34.6096, 0.3793, 0.3795



34.6096, 0.2569, 0.3311



34.6096, 0.3026, 0.2762

Complementary

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



34.6096, 0.3793, 0.3795



28.4874, 0.2553, 0.2723

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.



34.6096, 0.2699, 0.2690



34.6096, 0.3793, 0.3795



34.6096, 0.2448, 0.2980

Square

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



34.6096, 0.3793, 0.3795



34.6096, 0.2838, 0.3661



34.6096, 0.2494, 0.2761



34.6096, 0.3400, 0.2956

Rectangle

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



34.6096, 0.3793, 0.3795



34.6096, 0.3316, 0.3937



34.6096, 0.2494, 0.2761



34.6096, 0.2907, 0.2723

Sweetspot

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



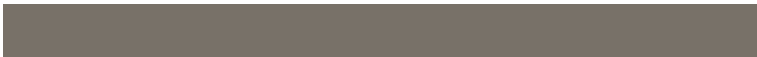
34.6112, 0.3793, 0.3795



78.6265, 0.3306, 0.3440



25.3102, 0.3575, 0.2859



16.7465, 0.3329, 0.3459



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.6112, 0.3793, 0.3795



58.3497, 0.3974, 0.3906



45.5054, 0.3638, 0.4175



9.8024, 0.3275, 0.3415



13.5000, 0.5256, 0.4208



0.5979, 0.4912, 0.4481

Inverse Universe

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



28.4874, 0.2553, 0.2723



45.6182, 0.2423, 0.2572



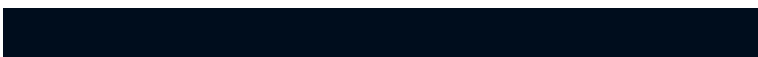
20.4252, 0.2506, 0.2235



9.3736, 0.2985, 0.3162



6.8506, 0.1737, 0.1452



0.3655, 0.1876, 0.1954

Previews

White Background



This preview shows how the Yxy color 34.6096, 0.3793, 0.3795 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 34.6096, 0.3793, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

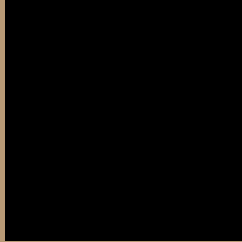
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

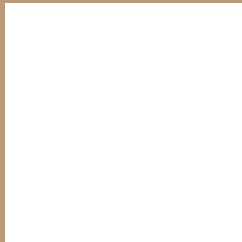
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.6096, 0.3793, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 34.6096, 0.3793, 0.3795.



This preview shows how white text looks on a background with the Yxy color 34.6096, 0.3793, 0.3795.

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

34.6096, 0.3793, 0.3795

Protanopia

34.6984, 0.3603, 0.3863

Deuteranopia

34.4558, 0.3846, 0.3760



Tritanopia

34.4092, 0.3425, 0.3128

Trichromacy



Original Color

34.6096, 0.3793, 0.3795

Protanomaly

34.5598, 0.3674, 0.3840

Deuteranomaly

34.6553, 0.3830, 0.3776

Tritanomaly

34.4218, 0.3564, 0.3360

Monochromacy



Original Color

34.6096, 0.3793, 0.3795

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.4524, 0.3358, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.6096, 0.3793, 0.3795 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(184, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(184, 154, 118)  
}
```

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(184, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 154, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.6096, 0.3793, 0.3795 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(184, 154, 118) }
```

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

```
.border{ border-color:rgb(184, 154, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 154, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(184, 154,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.6096, 0.3793, 0.3795 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 154, 118) }
```

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

```
.background{ background-color: rgb(184,  
154, 118) }
```

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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