

Converting Colors

$Yxy(35.2768, 0.4020, 0.3806)$

Have a look what the booklet for
Yxy(35.2768, 0.4020, 0.3806)
contains.

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Color

Yxy(35.3088, 0.4019, 0.3806)

Conversions

Conversions Part 1

Format	Color
Hex	C69770
RGB	198, 151, 112
RGB Percent	78%, 59%, 44%
CMY	0.2234, 0.4079, 0.5608
CMYK	0.00, 0.24, 0.43, 0.22
HSL	27°, 43%, 61%
HSV	27°, 43%, 78%
XYZ	37.2848, 35.3088, 20.1778
YIQ	160.6070, 40.5310, -2.1650

Conversions

Conversions Part 2

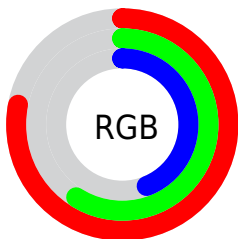
Format	Color
R _Y B	198, 183, 112
Decimal	13014896
CIE Lab	65.99, 12.62, 27.33
CIE LCh	66, 30.106, 65.219
Yxy	35.3088, 0.4019, 0.3806
Android (android.graphics.Color)	4291204976 (0xFFC69770)
YUV	160.6070, -23.9633, 32.7937
Hunter-Lab	59.4212, 8.0157, 21.4616

Details

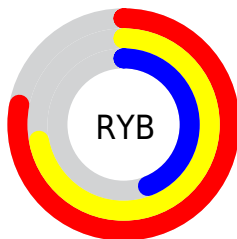
The Yxy color **35.3088, 0.4019, 0.3806** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.3287, 0.2445, 0.2700**, and the grayscale version is **35.5492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.6030, 0.3836, 0.3717**, and **15.2353, 0.4290, 0.3928** is the 20% darker color. If you saturate the color by 10%, you get **31.5909, 0.4294, 0.3916**, and if you desaturate by 10%, it is **39.4471, 0.3769, 0.3686**.

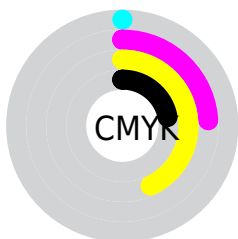
Distribution



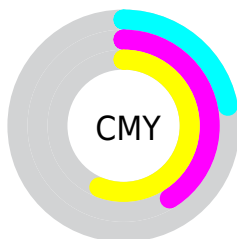
- Red (78%)
- Green (59%)
- Blue (44%)



- Red (78%)
- Yellow (72%)
- Blue (44%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (22%)





- Cyan (22%)
- Magenta (41%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3088, 0.4019, 0.3806 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 35.3088, 0.4019, 0.3806 by changing the saturation by 10% instead.


 35.3088, 0.4019,
0.3806

 35.3088, 0.4019,
0.3806


325.9293, 0.3552,
0.3553

 23.9008, 0.4140,
0.3865


 67.9639, 0.3846,
0.3717


 15.2601, 0.4297,
0.3936


 89.9798, 0.3782,
0.3682

 9.0021, 0.4506,
0.4023


 116.3005, 0.3728,
0.3653

 4.7426, 0.4796,
0.4122

 147.3103, 0.3682,
0.3627

 2.0970, 0.5509,
0.4457

183.3937, 0.3643,
0.3605

 0.6630, 0.5869,
0.4131

224.9351, 0.3609,

 0.0000, 0.0000,

0.3586

0.0000

272.3188, 0.3579,
0.3568

■ 35.3088, 0.4019,
0.3806

■ 35.3088, 0.4019,
0.3806

■ 31.5909, 0.4294,
0.3916

■ 39.4471, 0.3769,
0.3686

■ 28.2732, 0.4586,
0.4005

■ 44.0149, 0.3546,
0.3563

■ 25.3415, 0.4882,
0.4060


■ 49.0270, 0.3350,
0.3442

■ 22.7780, 0.5163,
0.4070

■ 54.4963, 0.3180,
0.3328

■ 20.5628, 0.5409,
0.4025

■ 60.4348, 0.3033,
0.3221

 19.2825, 0.5551,
0.3974

 66.8542, 0.2906,
0.3121

 73.7655, 0.2796,
0.3030

 80.1466, 0.2780,
0.3104

 86.6272, 0.2789,
0.3220

Harmonies

Analogous

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



35.3088, 0.4013, 0.3451



35.3088, 0.4019, 0.3806



35.3088, 0.3773, 0.4063

Triad

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



35.3088, 0.4019, 0.3806



35.3088, 0.2528, 0.3470



35.3088, 0.2844, 0.2591

Complementary

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



35.3088, 0.4019, 0.3806



32.3287, 0.2445, 0.2700

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.



35.3088, 0.2487, 0.2556



35.3088, 0.4019, 0.3806



35.3088, 0.2315, 0.3024

Square

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



35.3088, 0.4019, 0.3806



35.3088, 0.2906, 0.3893



35.3088, 0.2302, 0.2701



35.3088, 0.3305, 0.2781

Rectangle

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



35.3088, 0.4019, 0.3806



35.3088, 0.3510, 0.4126



35.3088, 0.2302, 0.2701



35.3088, 0.2709, 0.2561

Sweetspot

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



35.3105, 0.4019, 0.3806



87.0232, 0.3346, 0.3439



26.1108, 0.3624, 0.2675



18.1852, 0.3387, 0.3466



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.



35.3105, 0.4019, 0.3806



56.3398, 0.4275, 0.3909



51.6402, 0.3788, 0.4304



11.4156, 0.3278, 0.3395



12.7026, 0.5529, 0.3992



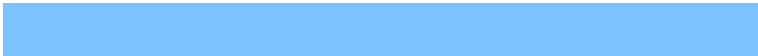
0.7457, 0.5181, 0.4268

Inverse Universe

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



32.3287, 0.2445, 0.2700



50.3682, 0.2305, 0.2545



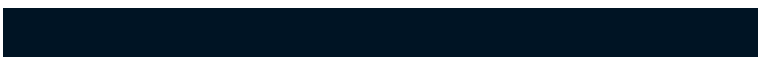
20.0824, 0.2331, 0.2022



11.2323, 0.2983, 0.3183



9.8329, 0.1820, 0.1751



0.6090, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 35.3088, 0.4019, 0.3806 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 35.3088, 0.4019, 0.3806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

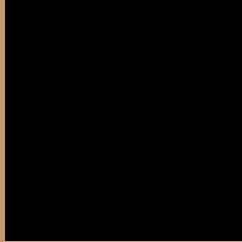
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3088, 0.4019, 0.3806

Background



This preview shows how black text looks on a background with the Yxy color 35.3088, 0.4019, 0.3806.



This preview shows how white text looks on a background with the Yxy color 35.3088, 0.4019, 0.3806.

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

35.3088, 0.4019, 0.3806

Protanopia

35.2868, 0.3668, 0.3928

Deuteranopia

35.4654, 0.3948, 0.3871



Tritanopia

35.2077, 0.3621, 0.3149

Trichromacy



Original Color

35.3088, 0.4019, 0.3806

Protanomaly

35.2968, 0.3787, 0.3881

Deuteranomaly

35.3995, 0.3975, 0.3854

Tritanomaly

35.1784, 0.3776, 0.3384

Monochromacy



Original Color

35.3088, 0.4019, 0.3806

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0958, 0.3430, 0.3492

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3088, 0.4019, 0.3806 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, 151, 112)` looks like.

```
.text, #text, p{  
    color:rgb(198, 151, 112)  
}
```

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, 151, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 151, 112) }
```

Border

The CSS property to change the border of an element to Yxy 35.3088, 0.4019, 0.3806 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, 151, 112) }
```

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

```
.border{ border-color:rgb(198, 151, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 151, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 151, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 151, 112);  
box-shadow:4px 4px 4px 4px rgb(198, 151,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3088, 0.4019, 0.3806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 151, 112) }
```

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

```
.background{ background-color: rgb(198,  
151, 112) }
```

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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