

Converting Colors

$Y_{xy}(35.7404, 0.4175, 0.4014)$

Have a look what the booklet for
Yxy(35.7404, 0.4175, 0.4014)
contains.

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Color

Yxy(35.9064, 0.4181, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	C89960
RGB	200, 153, 96
RGB Percent	78%, 60%, 38%
CMY	0.2158, 0.3999, 0.6235
CMYK	0.00, 0.23, 0.52, 0.22
HSL	33°, 49%, 58%
HSV	33°, 52%, 78%
XYZ	37.3166, 35.9064, 16.0298
YIQ	160.5550, 46.3090, -7.7630

Conversions

Conversions Part 2

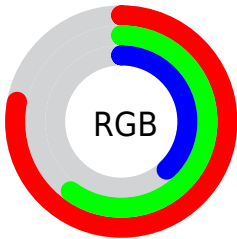
Format	Color
RYB	182, 200, 96
Decimal	13146464
CIELab	66.45, 10.74, 36.55
CIELCh	66, 38.092, 73.623
Yxy	35.9064, 0.4181, 0.4023
Android (android.graphics.Color)	4291336544 (0xFFC89960)
YUV	160.5550, -31.8256, 34.5933
Hunter-Lab	59.9219, 6.2981, 26.0846

Details

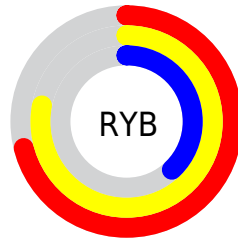
The Yxy color **35.9064, 0.4181, 0.4023** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **26.2874, 0.2284, 0.2396**, and the grayscale version is **35.5579, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.0238, 0.3950, 0.3900**, and **15.5558, 0.4479, 0.4194** is the 20% darker color. If you saturate the color by 10%, you get **32.7397, 0.4434, 0.4137**, and if you desaturate by 10%, it is **39.3941, 0.3938, 0.3888**.

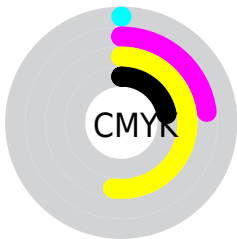
Distribution



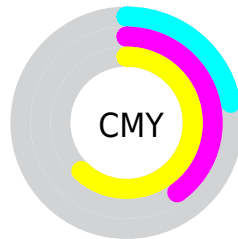
- Red (78%)
- Green (60%)
- Blue (38%)



- Red (71%)
- Yellow (78%)
- Blue (38%)



- Cyan (0%)
- Magenta (23%)
- Yellow (52%)
- Black (22%)





- Cyan (22%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.9064, 0.4181, 0.4023 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 35.9064, 0.4181, 0.4023 by changing the saturation by 10% instead.


 35.9064, 0.4181,
0.4023


 35.9064, 0.4181,
0.4023


328.5513, 0.3639,
0.3667


 24.3619, 0.4316,
0.4103


 68.8876, 0.3983,
0.3899

 15.6023, 0.4486,
0.4197


 91.0930, 0.3909,
0.3851

 9.2432, 0.4703,
0.4305


 117.6210, 0.3846,
0.3809

 4.9001, 0.4997,
0.4431

 148.8558, 0.3792,
0.3773

 2.1888, 0.5427,
0.4573

185.1818, 0.3746,
0.3742

 0.7139, 0.5696,
0.4304

226.9834, 0.3706,

 0.0000, 0.0000,

0.3714

0.0000

274.6451, 0.3670,
0.3689

■ 35.9064, 0.4181,
0.4023

■ 35.9064, 0.4181,
0.4023

■ 32.7397, 0.4434,
0.4137

■ 39.3941, 0.3938,
0.3888

■ 29.8765, 0.4686,
0.4219

■ 43.2088, 0.3711,
0.3744

■ 27.3052, 0.4922,
0.4256

■ 47.3627, 0.3505,
0.3597

■ 25.0106, 0.5129,
0.4240

■ 51.8658, 0.3321,
0.3453

■ 23.3546, 0.5273,
0.4195

■ 56.7276, 0.3157,
0.3316

■ 61.9570, 0.3013,
0.3188

■ 67.5628, 0.2887,
0.3069

■ 73.4899, 0.2782,
0.2969

■ 78.5105, 0.2789,
0.3068

Harmonies

Analogous

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



35.9064, 0.4280, 0.3598



35.9064, 0.4181, 0.4023



35.9064, 0.3793, 0.4309

Triad

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



35.9064, 0.4181, 0.4023



35.9064, 0.2284, 0.3343



35.9064, 0.2921, 0.2481

Complementary

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



35.9064, 0.4181, 0.4023



26.2874, 0.2284, 0.2396

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.



35.9064, 0.2436, 0.2378



35.9064, 0.4181, 0.4023



35.9064, 0.2097, 0.2811

Square

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



35.9064, 0.4181, 0.4023



35.9064, 0.2695, 0.3927



35.9064, 0.2151, 0.2481



35.9064, 0.3512, 0.2755

Rectangle

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



35.9064, 0.4181, 0.4023



35.9064, 0.3437, 0.4345



35.9064, 0.2151, 0.2481



35.9064, 0.2741, 0.2426

Sweetspot

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



35.9081, 0.4181, 0.4023



86.4472, 0.3396, 0.3513



22.6710, 0.3892, 0.2668



18.1555, 0.3435, 0.3544



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.



35.9081, 0.4181, 0.4023



56.2359, 0.4457, 0.4146



53.9443, 0.3847, 0.4546



11.5848, 0.3276, 0.3417



15.0352, 0.5254, 0.4211



0.8552, 0.4975, 0.4432

Inverse Universe

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



26.2874, 0.2284, 0.2396



37.8724, 0.2117, 0.2166



15.2136, 0.2163, 0.1662



11.0632, 0.2983, 0.3160



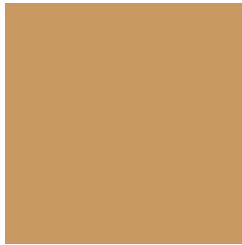
7.5096, 0.1732, 0.1436



0.4998, 0.1845, 0.1840

Previews

White Background



This preview shows how the Yxy color 35.9064, 0.4181, 0.4023 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 35.9064, 0.4181, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

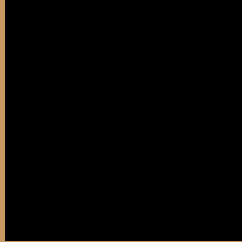
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.9064, 0.4181, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 35.9064, 0.4181, 0.4023.



This preview shows how white text looks on a background with the Yxy color 35.9064, 0.4181, 0.4023.

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

35.9064, 0.4181, 0.4023

Protanopia

36.0886, 0.3854, 0.4177

Deuteranopia

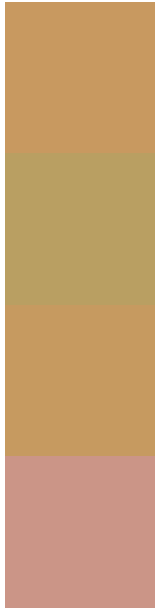
35.8260, 0.4143, 0.4045



Tritanopia

35.9712, 0.3639, 0.3151

Trichromacy



Original Color

35.9064, 0.4181, 0.4023

Protanomaly

35.9924, 0.3965, 0.4124

Deuteranomaly

35.9615, 0.4153, 0.4042

Tritanomaly

35.9407, 0.3842, 0.3474

Monochromacy



Original Color

35.9064, 0.4181, 0.4023

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.3738, 0.3495, 0.3592

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.9064, 0.4181, 0.4023 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(200, 153, 96)` looks like.

```
.text, #text, p{  
    color:rgb(200, 153, 96)  
}
```

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(200, 153, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 153, 96) }
```

Border

The CSS property to change the border of an element to Yxy 35.9064, 0.4181, 0.4023 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(200, 153, 96) }
```

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

```
.border{ border-color:rgb(200, 153, 96) }
```

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

Here you see how a box with a 4 pixel rgb(200, 153, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 153, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 153, 96);  
box-shadow:4px 4px 4px 4px rgb(200, 153,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 35.9064, 0.4181, 0.4023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 153, 96) }
```

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

```
.background{ background-color: rgb(200,  
153, 96) }
```

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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