

Converting Colors

$Yxy(35.5744, 0.3968, 0.3882)$

Have a look what the booklet for
Yxy(35.5744, 0.3968, 0.3882)
contains.

Yxy(35.5744, 0.3968, 0.3882)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.5744, 0.3968, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	C19A6E
RGB	193, 154, 110
RGB Percent	76%, 60%, 43%
CMY	0.2431, 0.3961, 0.5686
CMYK	0.00, 0.20, 0.43, 0.24
HSL	32°, 40%, 59%
HSV	32°, 43%, 76%
XYZ	36.3625, 35.5744, 19.7025
YIQ	160.6450, 37.3680, -5.4160

Conversions

Conversions Part 2

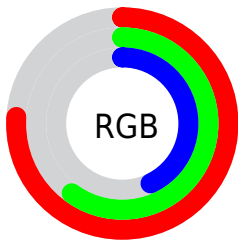
Format	Color
RYB	184, 193, 110
Decimal	12687982
CIELab	66.19, 8.69, 28.59
CIElCh	66, 29.882, 73.090
Yxy	35.5744, 0.3968, 0.3882
Android (android.graphics.Color)	4290878062 (0xFFC19A6E)
YUV	160.6450, -24.9680, 28.3753
Hunter-Lab	59.6443, 4.4461, 22.1656

Details

The Yxy color **35.5744, 0.3968, 0.3882** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **28.6600, 0.2436, 0.2605**, and the grayscale version is **35.5732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2296, 0.3808, 0.3773**, and **15.4516, 0.4226, 0.4030** is the 20% darker color. If you saturate the color by 10%, you get **32.3192, 0.4217, 0.4011**, and if you desaturate by 10%, it is **39.1507, 0.3736, 0.3743**.

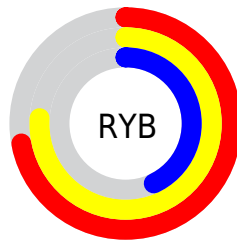
Distribution



Red (76%)

Green (60%)

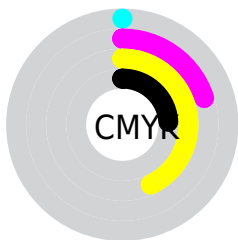
Blue (43%)



Red (72%)

Yellow (76%)

Blue (43%)

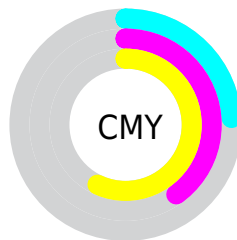


Cyan (0%)

Magenta (20%)

Yellow (43%)

Black (24%)



Cyan (24%)

Magenta (40%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5744, 0.3968, 0.3882 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 35.5744, 0.3968, 0.3882 by changing the saturation by 10% instead.


 35.5744, 0.3968,
0.3882


 35.5744, 0.3968,
0.3882


327.0965, 0.3531,
0.3587

 24.1057, 0.4080,
0.3953


 68.3747, 0.3806,
0.3776


 15.4120, 0.4225,
0.4040


 90.4750, 0.3746,
0.3736

 9.1091, 0.4417,
0.4148


 116.8880, 0.3696,
0.3702

 4.8124, 0.4679,
0.4279

 147.9980, 0.3653,
0.3672

 2.1376, 0.5328,
0.4672

184.1895, 0.3616,
0.3647

 0.6857, 0.5576,
0.4424

225.8468, 0.3584,

 0.0000, 0.0000,

0.3624

0.0000

273.3543, 0.3555,
0.3605

■ 35.5744, 0.3968,
0.3882

■ 35.5744, 0.3968,
0.3882

■ 32.3192, 0.4217,
0.4011

■ 39.1507, 0.3736,
0.3743

■ 29.3690, 0.4477,
0.4118

■ 43.0534, 0.3526,
0.3601

■ 26.7137, 0.4736,
0.4192

■ 47.2937, 0.3339,
0.3461

■ 24.3402, 0.4979,
0.4221

■ 51.8809, 0.3173,
0.3328

■ 22.2337, 0.5191,
0.4197

■ 56.8238, 0.3027,
0.3204

■ 20.9033, 0.5323,
0.4156

■ 62.1309, 0.2900,
0.3088

■ 67.8102, 0.2789,
0.2981

■ 73.2490, 0.2741,
0.2980

■ 78.3278, 0.2750,
0.3080

Harmonies

Analogous

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



35.5744, 0.4032, 0.3546



35.5744, 0.3968, 0.3882



35.5744, 0.3671, 0.4093

Triad

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



35.5744, 0.3968, 0.3882



35.5744, 0.2460, 0.3347



35.5744, 0.2961, 0.2633

Complementary

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



35.5744, 0.3968, 0.3882



28.6600, 0.2436, 0.2605

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.



35.5744, 0.2571, 0.2556



35.5744, 0.3968, 0.3882



35.5744, 0.2299, 0.2928

Square

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



35.5744, 0.3968, 0.3882



35.5744, 0.2798, 0.3789



35.5744, 0.2339, 0.2651



35.5744, 0.3426, 0.2856

Rectangle

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



35.5744, 0.3968, 0.3882



35.5744, 0.3392, 0.4110



35.5744, 0.2339, 0.2651



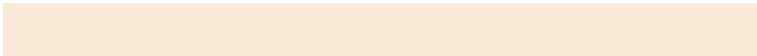
35.5744, 0.2817, 0.2589

Sweetspot

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



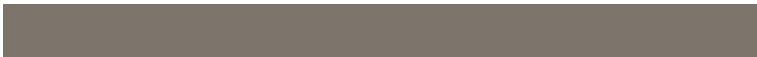
35.5761, 0.3968, 0.3882



84.5453, 0.3342, 0.3464



24.6959, 0.3688, 0.2753



17.7641, 0.3382, 0.3495



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.5761, 0.3968, 0.3882



57.9889, 0.4213, 0.4009



50.4223, 0.3748, 0.4342



10.9420, 0.3276, 0.3412



14.0645, 0.5304, 0.4170



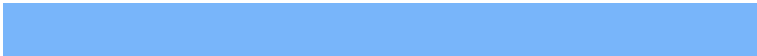
0.7448, 0.4992, 0.4418

Inverse Universe

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



28.6600, 0.2436, 0.2605



43.9362, 0.2279, 0.2413



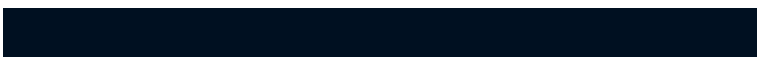
18.4075, 0.2343, 0.1978



10.5108, 0.2984, 0.3165



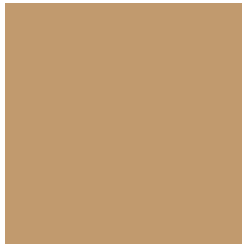
7.6584, 0.1749, 0.1497



0.4688, 0.1867, 0.1921

Previews

White Background



This preview shows how the Yxy color 35.5744, 0.3968, 0.3882 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 35.5744, 0.3968, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

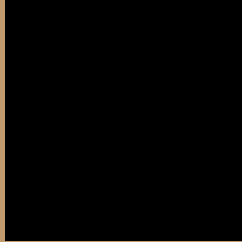
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5744, 0.3968, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 35.5744, 0.3968, 0.3882.



This preview shows how white text looks on a background with the Yxy color 35.5744, 0.3968, 0.3882.

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

35.5744, 0.3968, 0.3882

Protanopia

35.6807, 0.3702, 0.3981

Deuteranopia

35.5744, 0.3968, 0.3882



Tritanopia

35.6888, 0.3539, 0.3147

Trichromacy



Original Color

35.5744, 0.3968, 0.3882

Protanomaly

35.4473, 0.3800, 0.3938

Deuteranomaly

35.5744, 0.3968, 0.3882

Tritanomaly

35.4715, 0.3701, 0.3412

Monochromacy



Original Color

35.5744, 0.3968, 0.3882

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.2910, 0.3427, 0.3521

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5744, 0.3968, 0.3882 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(193, 154, 110)` looks like.

```
.text, #text, p{  
    color:rgb(193, 154, 110)  
}
```

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(193, 154, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 154, 110) }
```

Border

The CSS property to change the border of an element to Yxy 35.5744, 0.3968, 0.3882 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(193, 154, 110) }
```

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

```
.border{ border-color:rgb(193, 154, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 154, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 154, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 154, 110);  
box-shadow:4px 4px 4px 4px rgb(193, 154,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5744, 0.3968, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 154, 110) }
```

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

```
.background{ background-color: rgb(193,  
154, 110) }
```

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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