

Converting Colors

$Yxy(33.5449, 0.4063, 0.3852)$

Have a look what the booklet for
Yxy(33.5449, 0.4063, 0.3852)
contains.

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Color

Yxy(33.6898, 0.4055, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	C2946A
RGB	194, 148, 106
RGB Percent	76%, 58%, 42%
CMY	0.2392, 0.4196, 0.5844
CMYK	0.00, 0.24, 0.45, 0.24
HSL	29°, 42%, 59%
HSV	29°, 45%, 76%
XYZ	35.4376, 33.6898, 18.2650
YIQ	156.9660, 40.8980, -3.3100

Conversions

Conversions Part 2

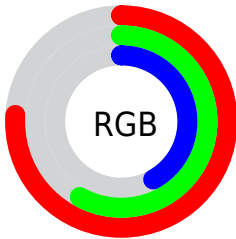
Format	Color
R_{YB}	194, 186, 106
Decimal	12751978
CIE _{Lab}	64.72, 11.96, 28.86
CIE _{LCh}	65, 31.242, 67.496
Yxy	33.6898, 0.4055, 0.3855
Android (android.graphics.Color)	4290942058 (0xFFC2946A)
YUV	156.9660, -25.1262, 32.4788
Hunter-Lab	58.0429, 7.4067, 21.9726

Details

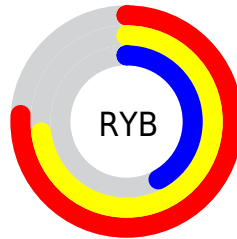
The Yxy color **33.6898, 0.4055, 0.3855** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4032, 0.2411, 0.2635**, and the grayscale version is **33.8023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.4051, 0.3870, 0.3753**, and **14.2582, 0.4345, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **30.2905, 0.4325, 0.3968**, and if you desaturate by 10%, it is **37.4621, 0.3806, 0.3730**.

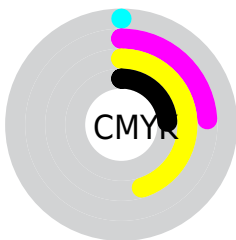
Distribution



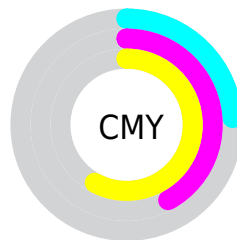
- Red (76%)
- Green (58%)
- Blue (42%)



- Red (76%)
- Yellow (73%)
- Blue (42%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (24%)





- Cyan (24%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6898, 0.4055, 0.3855 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 33.6898, 0.4055, 0.3855 by changing the saturation by 10% instead.


 33.6898, 0.4055,
0.3855


 33.6898, 0.4055,
0.3855


318.7467, 0.3567,
0.3576

 22.6554, 0.4182,
0.3920


 65.4510, 0.3873,
0.3756


 14.3393, 0.4346,
0.3999


 86.9466, 0.3806,
0.3718

 8.3570, 0.4566,
0.4094


 112.6980, 0.3750,
0.3686

 4.3242, 0.4866,
0.4201

 143.0897, 0.3702,
0.3658

 1.8565, 0.5520,
0.4480

178.5060, 0.3662,
0.3633

 0.5220, 0.6015,
0.3985

219.3313, 0.3626,

 0.0000, 0.0000,

0.3612

0.0000

265.9501, 0.3595,
0.3593

■ 33.6898, 0.4055,
0.3855

■ 33.6898, 0.4055,
0.3855

■ 30.2905, 0.4325,
0.3968

■ 37.4621, 0.3806,
0.3730

■ 27.2459, 0.4608,
0.4057

■ 41.6151, 0.3582,
0.3601

■ 24.5434, 0.4891,
0.4110


■ 46.1621, 0.3384,
0.3474

■ 22.1671, 0.5154,
0.4115

■ 51.1144, 0.3211,
0.3352

■ 20.0988, 0.5381,
0.4066


■ 56.4827, 0.3060,
0.3238

 19.2336, 0.5478,
0.4032

 62.2772, 0.2929,
0.3132

 68.5079, 0.2815,
0.3034

 74.7800, 0.2750,
0.3009

 80.5570, 0.2759,
0.3120

Harmonies

Analogous

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



33.6898, 0.4072, 0.3485



33.6898, 0.4055, 0.3855



33.6898, 0.3777, 0.4117

Triad

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



33.6898, 0.4055, 0.3855



33.6898, 0.2473, 0.3441



33.6898, 0.2862, 0.2567

Complementary

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



33.6898, 0.4055, 0.3855



29.4032, 0.2411, 0.2635

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.



33.6898, 0.2477, 0.2516



33.6898, 0.4055, 0.3855



33.6898, 0.2266, 0.2976

Square

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



33.6898, 0.4055, 0.3855



33.6898, 0.2858, 0.3899



33.6898, 0.2269, 0.2651



33.6898, 0.3352, 0.2777

Rectangle

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



33.6898, 0.4055, 0.3855



33.6898, 0.3493, 0.4173



33.6898, 0.2269, 0.2651



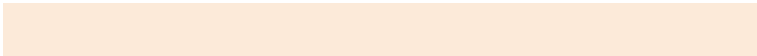
33.6898, 0.2717, 0.2531

Sweetspot

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



33.6914, 0.4055, 0.3855



84.6314, 0.3363, 0.3460



24.0700, 0.3674, 0.2668



18.1187, 0.3404, 0.3487



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.



33.6914, 0.4055, 0.3855



55.1824, 0.4311, 0.3962



49.7967, 0.3807, 0.4359



10.8536, 0.3277, 0.3400



12.8085, 0.5457, 0.4049



0.6914, 0.5103, 0.4330

Inverse Universe

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



29.4032, 0.2411, 0.2635



46.4691, 0.2267, 0.2467



17.8768, 0.2288, 0.1935



10.5992, 0.2984, 0.3177



8.8916, 0.1797, 0.1670



0.5215, 0.1906, 0.2062

Previews

White Background



This preview shows how the Yxy color 33.6898, 0.4055, 0.3855 looks on a white background.

Color Contrast Check

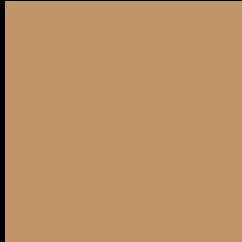
Large Text (above 18pt) WCAG AA × Fail

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 33.6898, 0.4055, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

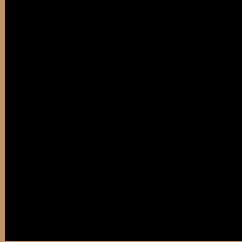
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6898, 0.4055, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 33.6898, 0.4055, 0.3855.



This preview shows how white text looks on a background with the Yxy color 33.6898, 0.4055, 0.3855.

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

33.6898, 0.4055, 0.3855

Protanopia

33.7858, 0.3706, 0.3982

Deuteranopia

33.5240, 0.3988, 0.3909



Tritanopia

33.6517, 0.3619, 0.3146

Trichromacy



Original Color

33.6898, 0.4055, 0.3855

Protanomaly

33.7990, 0.3828, 0.3932

Deuteranomaly

33.4620, 0.4016, 0.3891

Tritanomaly

33.5944, 0.3788, 0.3399

Monochromacy



Original Color

33.6898, 0.4055, 0.3855

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.4922, 0.3444, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6898, 0.4055, 0.3855 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(194, 148, 106)` looks like.

```
.text, #text, p{  
    color:rgb(194, 148, 106)  
}
```

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(194, 148, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 148, 106) }
```

Border

The CSS property to change the border of an element to Yxy 33.6898, 0.4055, 0.3855 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(194, 148, 106) }
```

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

```
.border{ border-color:rgb(194, 148, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 148, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 148, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 148, 106);  
box-shadow:4px 4px 4px 4px rgb(194, 148,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6898, 0.4055, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 148, 106) }
```

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

```
.background{ background-color: rgb(194,  
148, 106) }
```

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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