

Converting Colors

Yxy(34.8087, 0.4159, 0.3888)

Have a look what the booklet for
Yxy(34.8087, 0.4159, 0.3888)
contains.

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Color

Yxy(34.8917, 0.4153, 0.3887)

Conversions

Conversions Part 1

Format	Color
Hex	C99567
RGB	201, 149, 103
RGB Percent	79%, 58%, 40%
CMY	0.2118, 0.4156, 0.5962
CMYK	0.00, 0.26, 0.49, 0.21
HSL	28°, 48%, 60%
HSV	28°, 49%, 79%
XYZ	37.2795, 34.8917, 17.5940
YIQ	159.3040, 45.7580, -3.2820

Conversions

Conversions Part 2

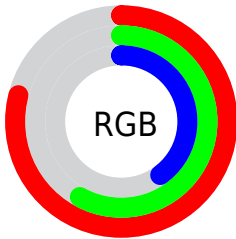
Format	Color
R_{YB}	201, 190, 103
Decimal	13210983
CIE _{Lab}	65.66, 14.00, 31.87
CIE _{LCh}	66, 34.805, 66.285
Yxy	34.8917, 0.4153, 0.3887
Android (android.graphics.Color)	4291401063 (0xFFC99567)
YUV	159.3040, -27.7579, 36.5674
Hunter-Lab	59.0692, 9.2829, 23.6887

Details

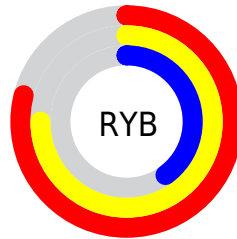
The Yxy color **34.8917, 0.4153, 0.3887** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.5233, 0.2359, 0.2586**, and the grayscale version is **34.9310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3384, 0.3914, 0.3790**, and **14.9405, 0.4460, 0.4024** is the 20% darker color. If you saturate the color by 10%, you get **31.3173, 0.4432, 0.3991**, and if you desaturate by 10%, it is **38.8751, 0.3893, 0.3767**.

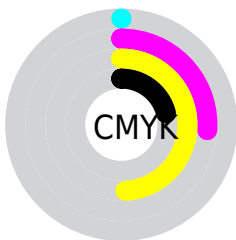
Distribution



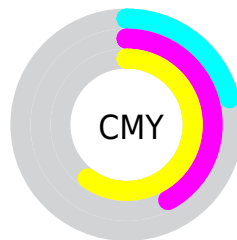
- Red (79%)
- Green (58%)
- Blue (40%)



- Red (79%)
- Yellow (75%)
- Blue (40%)



- Cyan (0%)
- Magenta (26%)
- Yellow (49%)
- Black (21%)





- Cyan (21%)
- Magenta (42%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.8917, 0.4153, 0.3887 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 34.8917, 0.4153, 0.3887 by changing the saturation by 10% instead.


 34.8917, 0.4153,
0.3887


 34.8917, 0.4153,
0.3887


324.0900, 0.3618,
0.3598

 23.5795, 0.4290,
0.3952


 67.3180, 0.3955,
0.3787

 15.0220, 0.4466,
0.4028


 89.2008, 0.3882,
0.3747

 8.8348, 0.4697,
0.4116


 115.3759, 0.3820,
0.3714

 4.6336, 0.5008,
0.4206

 146.2277, 0.3767,
0.3684

 2.0339, 0.5602,
0.4398

182.1407, 0.3722,
0.3659

 0.6271, 0.6002,
0.3998

223.4991, 0.3683,

 0.0000, 0.0000,

0.3636

0.0000

270.6874, 0.3648,
0.3616

■ 34.8917, 0.4153,
0.3887

■ 34.8917, 0.4153,
0.3887

■ 31.3173, 0.4432,
0.3991

■ 38.8751, 0.3893,
0.3767

■ 28.1316, 0.4721,
0.4067

■ 43.2768, 0.3658,
0.3640

■ 25.3196, 0.5004,
0.4103

■ 48.1118, 0.3450,
0.3514

■ 22.8628, 0.5261,
0.4087


■ 53.3930, 0.3268,
0.3392

■ 20.7366, 0.5478,
0.4021

■ 59.1326, 0.3109,
0.3276

 20.4943, 0.5505,
0.4011

 65.3421, 0.2971,
0.3169

 72.0328, 0.2852,
0.3070

 78.6382, 0.2795,
0.3068

 84.9000, 0.2803,
0.3183

Harmonies

Analogous

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



34.8917, 0.4163, 0.3480



34.8917, 0.4153, 0.3887



34.8917, 0.3854, 0.4189

Triad

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



34.8917, 0.4153, 0.3887



34.8917, 0.2423, 0.3476



34.8917, 0.2814, 0.2497

Complementary

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



34.8917, 0.4153, 0.3887



30.5233, 0.2359, 0.2586

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.



34.8917, 0.2402, 0.2447



34.8917, 0.4153, 0.3887



34.8917, 0.2191, 0.2958

Square

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



34.8917, 0.4153, 0.3887



34.8917, 0.2848, 0.3984



34.8917, 0.2186, 0.2598



34.8917, 0.3350, 0.2718

Rectangle

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



34.8917, 0.4153, 0.3887



34.8917, 0.3545, 0.4265



34.8917, 0.2186, 0.2598



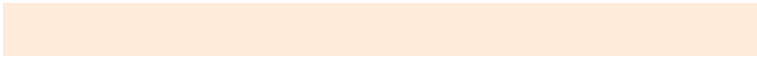
34.8917, 0.2658, 0.2459

Sweetspot

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



34.8934, 0.4153, 0.3887



85.5116, 0.3382, 0.3470



24.4855, 0.3735, 0.2623



17.8981, 0.3423, 0.3496



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.



34.8934, 0.4153, 0.3887



53.0166, 0.4463, 0.4001



53.6551, 0.3855, 0.4433



11.4447, 0.3278, 0.3399



13.0679, 0.5481, 0.4030



0.7635, 0.5145, 0.4297

Inverse Universe

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



30.5233, 0.2359, 0.2586



44.6140, 0.2198, 0.2390



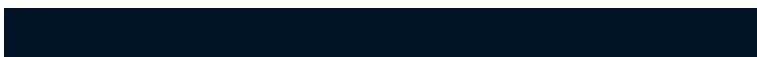
17.4557, 0.2214, 0.1813



11.2030, 0.2983, 0.3179



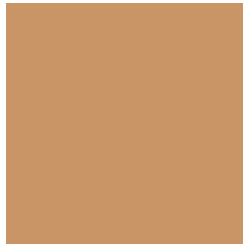
9.3937, 0.1804, 0.1695



0.5890, 0.1905, 0.2056

Previews

White Background



This preview shows how the Yxy color 34.8917, 0.4153, 0.3887 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 34.8917, 0.4153, 0.3887 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

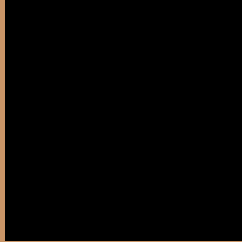
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.8917, 0.4153, 0.3887

Background



This preview shows how black text looks on a background with the Yxy color 34.8917, 0.4153, 0.3887.



This preview shows how white text looks on a background with the Yxy color 34.8917, 0.4153, 0.3887.

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

34.8917, 0.4153, 0.3887

Protanopia

35.0874, 0.3752, 0.4056

Deuteranopia

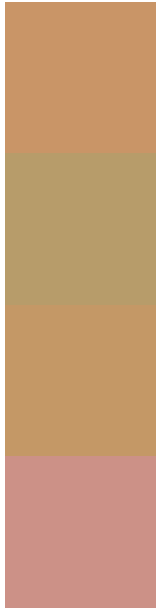
35.0792, 0.4052, 0.3972



Tritanopia

34.9240, 0.3691, 0.3163

Trichromacy



Original Color

34.8917, 0.4153, 0.3887

Protanomaly

34.8848, 0.3889, 0.3988

Deuteranomaly

35.1515, 0.4090, 0.3950

Tritanomaly

34.8374, 0.3870, 0.3422

Monochromacy



Original Color

34.8917, 0.4153, 0.3887

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3054, 0.3474, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.8917, 0.4153, 0.3887 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(201, 149, 103)` looks like.

```
.text, #text, p{  
    color:rgb(201, 149, 103)  
}
```

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(201, 149, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 149, 103) }
```

Border

The CSS property to change the border of an element to Yxy 34.8917, 0.4153, 0.3887 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(201, 149, 103) }
```

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

```
.border{ border-color:rgb(201, 149, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 149, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 149, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 149, 103);  
box-shadow:4px 4px 4px 4px rgb(201, 149,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 34.8917, 0.4153, 0.3887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 149, 103) }
```

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

```
.background{ background-color: rgb(201,  
149, 103) }
```

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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