

Converting Colors

$Yxy(34.5629, 0.3975, 0.3741)$

Have a look what the booklet for
Yxy(34.5629, 0.3975, 0.3741)
contains.

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Color

Yxy(34.4685, 0.3978, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	C49573
RGB	196, 149, 115
RGB Percent	77%, 58%, 45%
CMY	0.2314, 0.4156, 0.5490
CMYK	0.00, 0.24, 0.41, 0.23
HSL	25°, 41%, 61%
HSV	25°, 41%, 77%
XYZ	36.6032, 34.4685, 20.9424
YIQ	159.1770, 38.9260, -0.6100

Conversions

Conversions Part 2

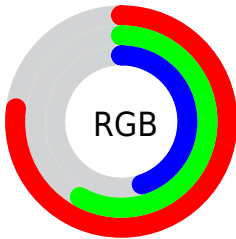
Format	Color
RYB	196, 174, 115
Decimal	12883315
CIELab	65.33, 13.20, 24.78
CIELCh	65, 28.078, 61.956
Yxy	34.4685, 0.3978, 0.3746
Android (android.graphics.Color)	4291073395 (0xFFC49573)
YUV	159.1770, -21.7793, 32.2938
Hunter-Lab	58.7099, 8.5452, 19.9476

Details

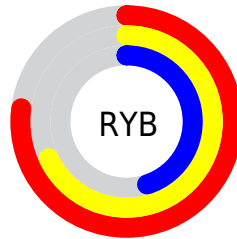
The Yxy color **34.4685, 0.3978, 0.3746** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.4581, 0.2485, 0.2777**, and the grayscale version is **34.8448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.5727, 0.3812, 0.3667**, and **14.7042, 0.4253, 0.3868** is the 20% darker color. If you saturate the color by 10%, you get **30.6426, 0.4258, 0.3851**, and if you desaturate by 10%, it is **38.7447, 0.3727, 0.3633**.

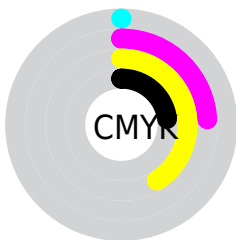
Distribution



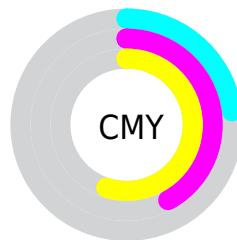
- Red (77%)
- Green (58%)
- Blue (45%)



- Red (77%)
- Yellow (68%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (41%)
- Black (23%)





- Cyan (23%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4685, 0.3978, 0.3746 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 34.4685, 0.3978, 0.3746 by changing the saturation by 10% instead.


 34.4685, 0.3978,
0.3746


 34.4685, 0.3978,
0.3746


322.2161, 0.3530,
0.3522


 23.2537, 0.4096,
0.3799


 66.6616, 0.3811,
0.3666


 14.7810, 0.4249,
0.3863


 88.4087, 0.3749,
0.3636

 8.6658, 0.4457,
0.3941


 114.4353, 0.3697,
0.3610

 4.5239, 0.4749,
0.4032

 145.1260, 0.3654,
0.3587

 1.9707, 0.5429,
0.4318

180.8650, 0.3616,
0.3568

 0.5904, 0.5996,
0.4004


222.0367, 0.3584,


 0.0000, 0.0000,


0.3551

0.0000


269.0256, 0.3555,
0.3535


 34.4685, 0.3978,
0.3746


 34.4685, 0.3978,
0.3746

 30.6426, 0.4258,
0.3851

 38.7447, 0.3727,
0.3633


 27.2459, 0.4560,
0.3937


 43.4813, 0.3505,
0.3519

 24.2627, 0.4872,
0.3994


 48.6945, 0.3313,
0.3408

 21.6742, 0.5175,
0.4007

 54.3980, 0.3147,
0.3303

 19.4596, 0.5445,
0.3968


 60.6049, 0.3005,
0.3206

 17.8160, 0.5646,
0.3899

 67.3277, 0.2882,
0.3116

 74.5786, 0.2776,
0.3033

 81.2406, 0.2771,
0.3128

 88.1419, 0.2780,
0.3250

Harmonies

Analogous

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



34.4685, 0.3943, 0.3406



34.4685, 0.3978, 0.3746



34.4685, 0.3771, 0.4000

Triad

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



34.4685, 0.3978, 0.3746



34.4685, 0.2595, 0.3507



34.4685, 0.2818, 0.2618

Complementary

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



34.4685, 0.3978, 0.3746



33.4581, 0.2485, 0.2777

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.



34.4685, 0.2495, 0.2604



34.4685, 0.3978, 0.3746



34.4685, 0.2373, 0.3084

Square

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



34.4685, 0.3978, 0.3746



34.4685, 0.2966, 0.3888



34.4685, 0.2339, 0.2762



34.4685, 0.3247, 0.2783

Rectangle

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



34.4685, 0.3978, 0.3746



34.4685, 0.3533, 0.4072



34.4685, 0.2339, 0.2762



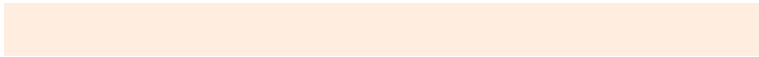
34.4685, 0.2695, 0.2595

Sweetspot

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



34.4701, 0.3978, 0.3746



87.3785, 0.3329, 0.3418



26.6114, 0.3557, 0.2672



18.4257, 0.3353, 0.3432



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.



34.4701, 0.3978, 0.3746



55.8750, 0.4242, 0.3846



49.4666, 0.3769, 0.4227



10.7576, 0.3279, 0.3387



11.6121, 0.5622, 0.3918



0.6378, 0.5228, 0.4231

Inverse Universe

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



33.4581, 0.2485, 0.2777



53.7522, 0.2346, 0.2634



21.4862, 0.2383, 0.2137



10.6964, 0.2984, 0.3191



10.4199, 0.1852, 0.1868



0.5841, 0.1950, 0.2218

Previews

White Background



This preview shows how the Yxy color 34.4685, 0.3978, 0.3746 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 34.4685, 0.3978, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

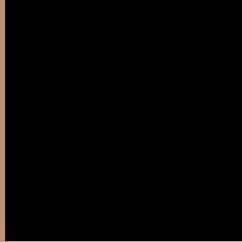
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4685, 0.3978, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 34.4685, 0.3978, 0.3746.



This preview shows how white text looks on a background with the Yxy color 34.4685, 0.3978, 0.3746.

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

34.4685, 0.3978, 0.3746

Protanopia

34.6742, 0.3613, 0.3878

Deuteranopia

34.4902, 0.3897, 0.3813



Tritanopia

34.5924, 0.3613, 0.3148

Trichromacy



Original Color

34.4685, 0.3978, 0.3746

Protanomaly

34.3344, 0.3735, 0.3819

Deuteranomaly

34.5546, 0.3935, 0.3793

Tritanomaly

34.5933, 0.3758, 0.3371

Monochromacy



Original Color

34.4685, 0.3978, 0.3746

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1965, 0.3414, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4685, 0.3978, 0.3746 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(196, 149, 115)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 115)  
}
```

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(196, 149, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 115) }
```

Border

The CSS property to change the border of an element to Yxy 34.4685, 0.3978, 0.3746 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(196, 149, 115) }
```

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

```
.border{ border-color:rgb(196, 149, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 149, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 115);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4685, 0.3978, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 115) }
```

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

```
.background{ background-color: rgb(196,  
149, 115) }
```

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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