

Converting Colors

$Yxy(36.0796, 0.3999, 0.3749)$

Have a look what the booklet for
Yxy(36.0796, 0.3999, 0.3749)
contains.

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Color

Yxy(36.1583, 0.3994, 0.3748)

Conversions

Conversions Part 1

Format	Color
Hex	C99875
RGB	201, 152, 117
RGB Percent	79%, 60%, 46%
CMY	0.2117, 0.4039, 0.5411
CMYK	0.00, 0.24, 0.42, 0.21
HSL	25°, 44%, 62%
HSV	25°, 42%, 79%
XYZ	38.5316, 36.1583, 21.7837
YIQ	162.6610, 40.4390, -0.4970

Conversions

Conversions Part 2

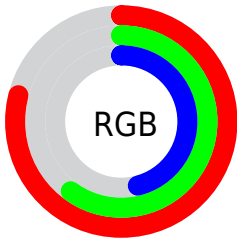
Format	Color
R _{YB}	201, 177, 117
Decimal	13211765
CIE Lab	66.64, 13.84, 25.51
CIE LCh	67, 29.024, 61.516
Yxy	36.1583, 0.3994, 0.3748
Android (android.graphics.Color)	4291401845 (0xFFC99875)
YUV	162.6610, -22.5109, 33.6233
Hunter-Lab	60.1318, 9.1496, 20.6135

Details

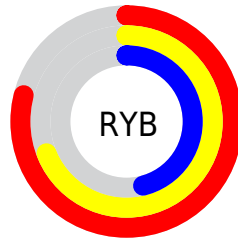
The Yxy color **36.1583, 0.3994, 0.3748** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.2904, 0.2478, 0.2774**, and the grayscale version is **36.5535, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2672, 0.3794, 0.3675**, and **15.7445, 0.4268, 0.3867** is the 20% darker color. If you saturate the color by 10%, you get **32.1149, 0.4277, 0.3851**, and if you desaturate by 10%, it is **40.6834, 0.3740, 0.3636**.

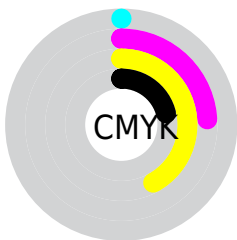
Distribution



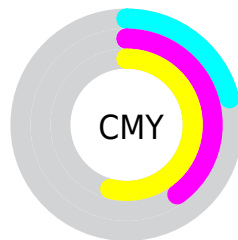
- Red (79%)
- Green (60%)
- Blue (46%)



- Red (79%)
- Yellow (69%)
- Blue (46%)



- Cyan (0%)
- Magenta (24%)
- Yellow (42%)
- Black (21%)





- Cyan (21%)
- Magenta (40%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.1583, 0.3994, 0.3748 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 36.1583, 0.3994, 0.3748 by changing the saturation by 10% instead.


 36.1583, 0.3994,
0.3748


 36.1583, 0.3994,
0.3748


329.6519, 0.3541,
0.3525


 24.5565, 0.4112,
0.3799


 69.2763, 0.3826,
0.3670

 15.7469, 0.4265,
0.3862


 91.5613, 0.3763,
0.3639

 9.3453, 0.4470,
0.3937


 118.1762, 0.3711,
0.3613

 4.9671, 0.4756,
0.4024

149.5053, 0.3667,
0.3591

 2.2279, 0.5338,
0.4239

185.9330, 0.3629,
0.3571

 0.7352, 0.5887,
0.4113


227.8437, 0.3596,


 0.0000, 0.0000,


0.3554


0.0000


275.6219, 0.3567,
0.3539


 36.1583, 0.3994,
0.3748


 36.1583, 0.3994,
0.3748


 32.1149, 0.4277,
0.3851


 40.6834, 0.3740,
0.3636


 28.5307, 0.4582,
0.3936

 45.7015, 0.3516,
0.3523

 25.3885, 0.4896,
0.3989

 51.2298, 0.3322,
0.3412

 22.6681, 0.5200,
0.3999

 57.2832, 0.3155,
0.3308

 20.3467, 0.5470,
0.3956

 63.8758, 0.3011,
0.3211

■ 18.7142, 0.5660,
0.3888

■ 71.0211, 0.2887,
0.3121

■ 78.5549, 0.2795,
0.3067

■ 85.4627, 0.2804,
0.3193

■ 91.1604, 0.2811,
0.3289

Harmonies

Analogous

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



36.1583, 0.3955, 0.3402



36.1583, 0.3994, 0.3748



36.1583, 0.3786, 0.4009

Triad

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



36.1583, 0.3994, 0.3748



36.1583, 0.2591, 0.3517



36.1583, 0.2807, 0.2606

Complementary

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



36.1583, 0.3994, 0.3748



35.2904, 0.2478, 0.2774

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.



36.1583, 0.2481, 0.2594



36.1583, 0.3994, 0.3748



36.1583, 0.2363, 0.3086

Square

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



36.1583, 0.3994, 0.3748



36.1583, 0.2969, 0.3903



36.1583, 0.2326, 0.2756



36.1583, 0.3242, 0.2772

Rectangle

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



36.1583, 0.3994, 0.3748



36.1583, 0.3546, 0.4086



36.1583, 0.2326, 0.2756



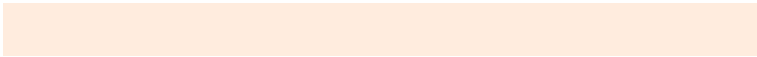
36.1583, 0.2682, 0.2583

Sweetspot

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



36.1600, 0.3994, 0.3748



86.3169, 0.3347, 0.3427



27.9532, 0.3548, 0.2647



18.0115, 0.3389, 0.3452



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.



36.1600, 0.3994, 0.3748



55.6852, 0.4245, 0.3841



51.6777, 0.3784, 0.4224



11.3504, 0.3279, 0.3387



11.9359, 0.5635, 0.3908



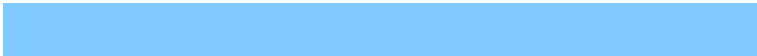
0.7075, 0.5263, 0.4203

Inverse Universe

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



35.2904, 0.2478, 0.2774



53.9710, 0.2347, 0.2640



22.7751, 0.2375, 0.2141



11.2986, 0.2983, 0.3191



10.8809, 0.1855, 0.1879



0.6559, 0.1946, 0.2204

Previews

White Background



This preview shows how the Yxy color 36.1583, 0.3994, 0.3748 looks on a white background.

Color Contrast Check

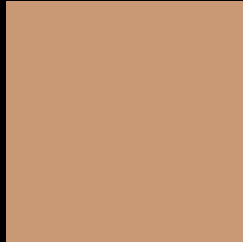
Large Text (above 18pt) WCAG AA × Fail

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 36.1583, 0.3994, 0.3748 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 36.1583, 0.3994, 0.3748

Background



This preview shows how black text looks on a background with the Yxy color 36.1583, 0.3994, 0.3748.



This preview shows how white text looks on a background with the Yxy color 36.1583, 0.3994, 0.3748.

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

36.1583, 0.3994, 0.3748

Protanopia

36.2198, 0.3624, 0.3880

Deuteranopia

36.3753, 0.3898, 0.3829



Tritanopia

36.3152, 0.3625, 0.3151

Trichromacy



Original Color

36.1583, 0.3994, 0.3748

Protanomaly

36.0001, 0.3755, 0.3820

Deuteranomaly

36.4394, 0.3935, 0.3810

Tritanomaly

36.3154, 0.3768, 0.3369

Monochromacy



Original Color

36.1583, 0.3994, 0.3748

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.2187, 0.3427, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.1583, 0.3994, 0.3748 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, 152, 117)` looks like.

```
.text, #text, p{  
    color:rgb(201, 152, 117)  
}
```

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, 152, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 152, 117) }
```

Border

The CSS property to change the border of an element to Yxy 36.1583, 0.3994, 0.3748 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, 152, 117) }
```

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

```
.border{ border-color:rgb(201, 152, 117) }
```

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

Here you see how a box with a 4 pixel rgb(201, 152, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 152, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 152, 117);  
box-shadow:4px 4px 4px 4px rgb(201, 152,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 36.1583, 0.3994, 0.3748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 152, 117) }
```

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

```
.background{ background-color: rgb(201,  
152, 117) }
```

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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