

Converting Colors

$Yxy(34.0482, 0.4006, 0.3579)$

Have a look what the booklet for
Yxy(34.0482, 0.4006, 0.3579)
contains.

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Color

Yxy(34.0482, 0.4006, 0.3579)

Conversions

Conversions Part 1

Format	Color
Hex	CB907A
RGB	203, 144, 122
RGB Percent	80%, 56%, 48%
CMY	0.2040, 0.4352, 0.5216
CMYK	0.00, 0.29, 0.40, 0.20
HSL	16°, 44%, 64%
HSV	16°, 40%, 80%
XYZ	38.1104, 34.0482, 22.9747
YIQ	159.1330, 42.2260, 5.6660

Conversions

Conversions Part 2

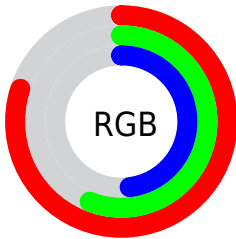
Format	Color
RYB	203, 152, 122
Decimal	13340794
CIELab	65.00, 19.56, 20.59
CIELCh	65, 28.397, 46.472
Yxy	34.0482, 0.4006, 0.3579
Android (android.graphics.Color)	4291530874 (0xFFFCB907A)
YUV	159.1330, -18.3066, 38.4714
Hunter-Lab	58.3508, 14.4689, 17.5011

Details

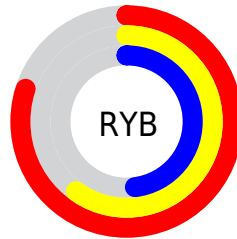
The Yxy color **34.0482, 0.4006, 0.3579** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **41.4806, 0.2533, 0.2975**, and the grayscale version is **34.8065, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.7433, 0.3773, 0.3532**, and **14.5128, 0.4302, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **29.4097, 0.4327, 0.3648**, and if you desaturate by 10%, it is **39.3812, 0.3728, 0.3505**.

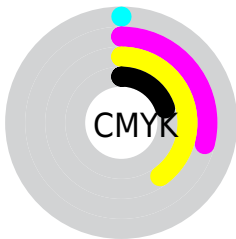
Distribution



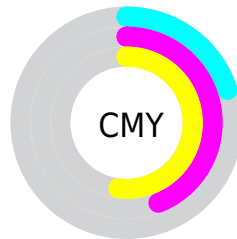
- Red (80%)
- Green (56%)
- Blue (48%)



- Red (80%)
- Yellow (60%)
- Blue (48%)



- Cyan (0%)
- Magenta (29%)
- Yellow (40%)
- Black (20%)





- Cyan (20%)
- Magenta (44%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.0482, 0.4006, 0.3579 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 34.0482, 0.4006, 0.3579 by changing the saturation by 10% instead.


 34.0482, 0.4006,
0.3579


 34.0482, 0.4006,
0.3579


320.3469, 0.3540,
0.3443


 22.9306, 0.4130,
0.3608


 66.0086, 0.3831,
0.3532

 14.5423, 0.4294,
0.3643


 87.6203, 0.3767,
0.3514

 8.4988, 0.4518,
0.3681


 113.4987, 0.3713,
0.3498

 4.4157, 0.4841,
0.3718

144.0284, 0.3668,
0.3484

 1.9087, 0.5455,
0.3809

179.5936, 0.3629,
0.3472

 0.5536, 0.6469,
0.3531

220.5789, 0.3595,

 0.0000, 0.0000,

0.3461

0.0000

267.3685, 0.3566,
0.3452

■ 34.0482, 0.4006,
0.3579

■ 34.0482, 0.4006,
0.3579

■ 29.4097, 0.4327,
0.3648

■ 39.3812, 0.3728,
0.3505

■ 25.4316, 0.4686,
0.3702

■ 45.4311, 0.3491,
0.3429

■ 22.0842, 0.5067,
0.3731


■ 52.2256, 0.3292,
0.3357


■ 19.3333, 0.5443,
0.3724

■ 59.7890, 0.3126,
0.3289

■ 17.1411, 0.5775,
0.3673

■ 68.1448, 0.2986,
0.3227

 15.4588, 0.6036,
0.3588

 77.3154, 0.2868,
0.3169

 15.4437, 0.6039,
0.3587

 86.7233, 0.2816,
0.3210

 91.4336, 0.2821,
0.3289

Harmonies

Analogous

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



34.0482, 0.3839, 0.3224



34.0482, 0.4006, 0.3579



34.0482, 0.3916, 0.3894

Triad

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



34.0482, 0.4006, 0.3579



34.0482, 0.2767, 0.3727



34.0482, 0.2626, 0.2580

Complementary

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



34.0482, 0.4006, 0.3579



41.4806, 0.2533, 0.2975

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.



34.0482, 0.2381, 0.2654



34.0482, 0.4006, 0.3579



34.0482, 0.2456, 0.3297

Square

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



34.0482, 0.4006, 0.3579



34.0482, 0.3188, 0.4025



34.0482, 0.2321, 0.2903



34.0482, 0.3016, 0.2672

Rectangle

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



34.0482, 0.4006, 0.3579



34.0482, 0.3731, 0.4036



34.0482, 0.2321, 0.2903



34.0482, 0.2525, 0.2585

Sweetspot

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



34.0498, 0.4006, 0.3579



84.7827, 0.3334, 0.3373



29.9642, 0.3400, 0.2550



17.8171, 0.3360, 0.3383



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.



34.0498, 0.4006, 0.3579



50.1706, 0.4284, 0.3640



48.4144, 0.3804, 0.4066



11.7017, 0.3283, 0.3354



9.9617, 0.6015, 0.3606



0.6426, 0.5620, 0.3919

Inverse Universe

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



41.4806, 0.2533, 0.2975



64.2690, 0.2418, 0.2893



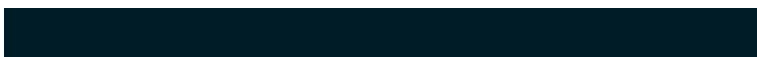
27.4667, 0.2439, 0.2366



12.1911, 0.2983, 0.3226



16.3425, 0.1997, 0.2390



0.9650, 0.2052, 0.2586

Previews

White Background



This preview shows how the Yxy color 34.0482, 0.4006, 0.3579 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 34.0482, 0.4006, 0.3579 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

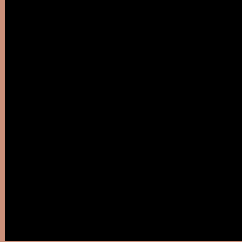
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.0482, 0.4006, 0.3579

Background



This preview shows how black text looks on a background with the Yxy color 34.0482, 0.4006, 0.3579.



This preview shows how white text looks on a background with the Yxy color 34.0482, 0.4006, 0.3579.

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

34.0482, 0.4006, 0.3579

Protanopia

34.3371, 0.3509, 0.3734

Deuteranopia

34.2761, 0.3794, 0.3723



Tritanopia

34.1123, 0.3733, 0.3151

Trichromacy



Original Color

34.0482, 0.4006, 0.3579

Protanomaly

34.1126, 0.3685, 0.3674

Deuteranomaly

34.0818, 0.3873, 0.3673

Tritanomaly

33.9223, 0.3842, 0.3305

Monochromacy



Original Color

34.0482, 0.4006, 0.3579

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.3005, 0.3418, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.0482, 0.4006, 0.3579 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(203, 144, 122)` looks like.

```
.text, #text, p{  
    color:rgb(203, 144, 122)  
}
```

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(203, 144, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 144, 122) }
```

Border

The CSS property to change the border of an element to Yxy 34.0482, 0.4006, 0.3579 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(203, 144, 122) }
```

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

```
.border{ border-color:rgb(203, 144, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 144, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 144, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 144, 122);  
box-shadow:4px 4px 4px 4px rgb(203, 144,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 34.0482, 0.4006, 0.3579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 144, 122) }
```

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

```
.background{ background-color: rgb(203,  
144, 122) }
```

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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