

Converting Colors

$Yxy(35.0077, 0.4079, 0.3717)$

Have a look what the booklet for
Yxy(35.0077, 0.4079, 0.3717)
contains.

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Color

Yxy(34.9197, 0.4085, 0.3718)

Conversions

Conversions Part 1

Format	Color
Hex	CC9372
RGB	204, 147, 114
RGB Percent	80%, 58%, 45%
CMY	0.2001, 0.4235, 0.5530
CMYK	0.00, 0.28, 0.44, 0.20
HSL	22°, 47%, 62%
HSV	22°, 44%, 80%
XYZ	38.3666, 34.9197, 20.6344
YIQ	160.2810, 44.5650, 1.8210

Conversions

Conversions Part 2

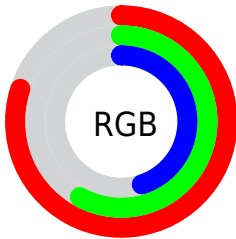
Format	Color
R _Y B	204, 166, 114
Decimal	13407090
CIE Lab	65.69, 17.43, 25.96
CIE LCh	66, 31.267, 56.124
Yxy	34.9197, 0.4085, 0.3718
Android (android.graphics.Color)	4291597170 (0xFFCC9372)
YUV	160.2810, -22.8165, 38.3416
Hunter-Lab	59.0929, 12.4802, 20.6618

Details

The Yxy color **34.9197, 0.4085, 0.3718** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **37.0394, 0.2454, 0.2807**, and the grayscale version is **35.3823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.7865, 0.3835, 0.3656**, and **15.0550, 0.4391, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **30.7145, 0.4391, 0.3806**, and if you desaturate by 10%, it is **39.6825, 0.3812, 0.3620**.

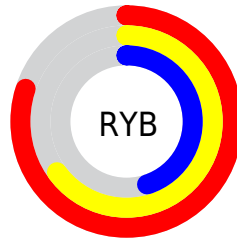
Distribution



Red (80%)

Green (58%)

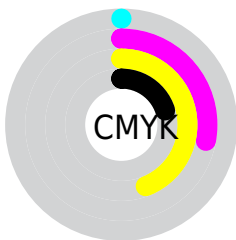
Blue (45%)



Red (80%)

Yellow (65%)

Blue (45%)

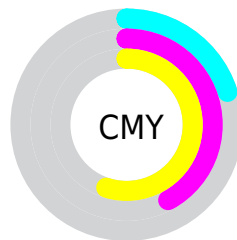


Cyan (0%)

Magenta (28%)

Yellow (44%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9197, 0.4085, 0.3718 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 34.9197, 0.4085, 0.3718 by changing the saturation by 10% instead.

 34.9197, 0.4085,
0.3718


 34.9197, 0.4085,
0.3718


324.2138, 0.3581,
0.3514

 23.6010, 0.4217,
0.3763


 67.3614, 0.3897,
0.3647

 15.0379, 0.4389,
0.3817


 89.2531, 0.3828,
0.3620

 8.8460, 0.4620,
0.3877


 115.4380, 0.3770,
0.3596

 4.6409, 0.4943,
0.3939

 146.3005, 0.3721,
0.3575

 2.0381, 0.5678,
0.4167

182.2249, 0.3678,
0.3557

 0.6295, 0.6223,
0.3777

223.5957, 0.3642,

 0.0000, 0.0000,

0.3541

0.0000

270.7971, 0.3610,
0.3527

■ 34.9197, 0.4085,
0.3718

■ 34.9197, 0.4085,
0.3718

■ 30.7145, 0.4391,
0.3806

■ 39.6825, 0.3812,
0.3620

■ 27.0401, 0.4721,
0.3873

■ 45.0183, 0.3573,
0.3519

■ 23.8746, 0.5060,
0.3906


■ 50.9480, 0.3367,
0.3421


■ 21.1926, 0.5381,
0.3894


■ 57.4902, 0.3192,
0.3327


■ 18.9653, 0.5658,
0.3831

■ 64.6622, 0.3042,
0.3239

 17.8479, 0.5799,
0.3777

 72.4809, 0.2914,
0.3159

 80.8480, 0.2815,
0.3103

 88.6114, 0.2824,
0.3240

 91.5734, 0.2827,
0.3289

Harmonies

Analogous

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



34.9197, 0.3993, 0.3338



34.9197, 0.4085, 0.3718



34.9197, 0.3900, 0.4030

Triad

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



34.9197, 0.4085, 0.3718



34.9197, 0.2607, 0.3623



34.9197, 0.2703, 0.2535

Complementary

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



34.9197, 0.4085, 0.3718



37.0394, 0.2454, 0.2807

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.



34.9197, 0.2383, 0.2552



34.9197, 0.4085, 0.3718



34.9197, 0.2329, 0.3144

Square

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



34.9197, 0.4085, 0.3718



34.9197, 0.3036, 0.4019



34.9197, 0.2252, 0.2759



34.9197, 0.3161, 0.2687

Rectangle

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



34.9197, 0.4085, 0.3718



34.9197, 0.3656, 0.4146



34.9197, 0.2252, 0.2759



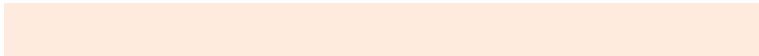
34.9197, 0.2578, 0.2521

Sweetspot

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



34.9214, 0.4085, 0.3718



85.3818, 0.3350, 0.3411



27.8053, 0.3545, 0.2576



17.7819, 0.3392, 0.3433



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.



34.9214, 0.4085, 0.3718



51.1591, 0.4377, 0.3802



51.7360, 0.3836, 0.4242



11.8768, 0.3281, 0.3376



11.4005, 0.5774, 0.3797



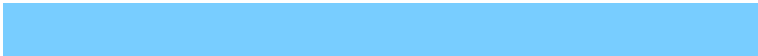
0.7320, 0.5402, 0.4093

Inverse Universe

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



37.0394, 0.2454, 0.2807



55.0527, 0.2321, 0.2679



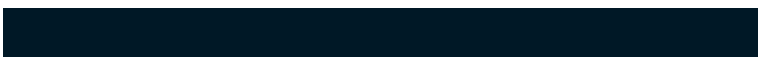
22.8537, 0.2335, 0.2110



12.0077, 0.2983, 0.3203



12.8288, 0.1903, 0.2051



0.8035, 0.1978, 0.2321

Previews

White Background



This preview shows how the Yxy color 34.9197, 0.4085, 0.3718 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 34.9197, 0.4085, 0.3718 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

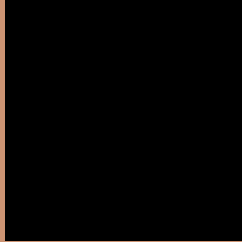
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9197, 0.4085, 0.3718

Background



This preview shows how black text looks on a background with the Yxy color 34.9197, 0.4085, 0.3718.



This preview shows how white text looks on a background with the Yxy color 34.9197, 0.4085, 0.3718.

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

34.9197, 0.4085, 0.3718

Protanopia

35.1556, 0.3610, 0.3874

Deuteranopia

34.9219, 0.3912, 0.3837



Tritanopia

34.9113, 0.3715, 0.3152

Trichromacy



Original Color

34.9197, 0.4085, 0.3718

Protanomaly

34.8180, 0.3778, 0.3810

Deuteranomaly

34.9276, 0.3977, 0.3800

Tritanomaly

34.9324, 0.3852, 0.3356

Monochromacy



Original Color

34.9197, 0.4085, 0.3718

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.6560, 0.3455, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9197, 0.4085, 0.3718 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(204, 147, 114)` looks like.

```
.text, #text, p{  
    color:rgb(204, 147, 114)  
}
```

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(204, 147, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 147, 114) }
```

Border

The CSS property to change the border of an element to Yxy 34.9197, 0.4085, 0.3718 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(204, 147, 114) }
```

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

```
.border{ border-color:rgb(204, 147, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 147, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 147, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 147, 114);  
box-shadow:4px 4px 4px 4px rgb(204, 147,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9197, 0.4085, 0.3718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 147, 114) }
```

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

```
.background{ background-color: rgb(204,  
147, 114) }
```

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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