

Converting Colors

$Y_{xy}(35.0020, 0.4011, 0.3647)$

Have a look what the booklet for
Yxy(35.0020, 0.4011, 0.3647)
contains.

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Color

Yxy(34.9200, 0.4012, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	CB9378
RGB	203, 147, 120
RGB Percent	80%, 58%, 47%
CMY	0.2038, 0.4236, 0.5295
CMYK	0.00, 0.28, 0.41, 0.20
HSL	20°, 44%, 63%
HSV	20°, 41%, 80%
XYZ	38.4571, 34.9200, 22.4780
YIQ	160.6660, 42.0430, 3.4750

Conversions

Conversions Part 2

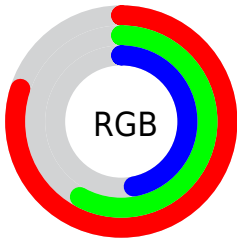
Format	Color
R _Y B	203, 160, 120
Decimal	13341560
CIE Lab	65.69, 17.72, 22.64
CIE LCh	66, 28.745, 51.949
Yxy	34.9200, 0.4012, 0.3643
Android (android.graphics.Color)	4291531640 (0xFFCB9378)
YUV	160.6660, -20.0483, 37.1269
Hunter-Lab	59.0931, 12.7525, 18.8123

Details

The Yxy color **34.9200, 0.4012, 0.3643** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.3630, 0.2509, 0.2900**, and the grayscale version is **35.5585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0118, 0.3788, 0.3594**, and **15.0237, 0.4303, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **30.4702, 0.4321, 0.3724**, and if you desaturate by 10%, it is **39.9851, 0.3741, 0.3555**.

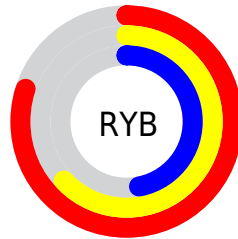
Distribution



Red (80%)

Green (58%)

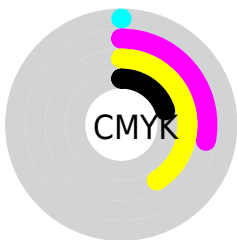
Blue (47%)



Red (80%)

Yellow (63%)

Blue (47%)

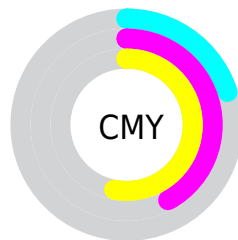


Cyan (0%)

Magenta (28%)

Yellow (41%)

Black (20%)



Cyan (20%)


Magenta (42%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9200, 0.4012, 0.3643 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 34.9200, 0.4012, 0.3643 by changing the saturation by 10% instead.


 34.9200, 0.4012,
0.3643


 34.9200, 0.4012,
0.3643


324.2151, 0.3545,
0.3475

 23.6013, 0.4135,
0.3681


 67.3618, 0.3837,
0.3585

 15.0381, 0.4297,
0.3725


 89.2537, 0.3773,
0.3562

 8.8461, 0.4516,
0.3777


 115.4387, 0.3720,
0.3542

 4.6410, 0.4828,
0.3831

146.3013, 0.3674,
0.3525

 2.0382, 0.5435,
0.3966

182.2258, 0.3635,
0.3510

 0.6295, 0.6241,
0.3759

223.5967, 0.3601,

 0.0000, 0.0000,

0.3497

0.0000

270.7983, 0.3572,
0.3485

■ 34.9200, 0.4012,
0.3643

■ 34.9200, 0.4012,
0.3643

■ 30.4702, 0.4321,
0.3724

■ 39.9851, 0.3741,
0.3555

■ 26.6062, 0.4661,
0.3789

■ 45.6833, 0.3508,
0.3465

■ 23.3035, 0.5019,
0.3826

■ 52.0381, 0.3309,
0.3379

■ 20.5337, 0.5369,
0.3822


■ 59.0700, 0.3141,
0.3297


■ 18.2652, 0.5679,
0.3771

■ 66.7988, 0.2999,
0.3222

 16.6004, 0.5909,
0.3690

 75.2433, 0.2878,
0.3152

 83.9555, 0.2813,
0.3162

 91.4402, 0.2822,
0.3289

Harmonies

Analogous

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



34.9200, 0.3890, 0.3288



34.9200, 0.4012, 0.3643



34.9200, 0.3877, 0.3942

Triad

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



34.9200, 0.4012, 0.3643



34.9200, 0.2698, 0.3655



34.9200, 0.2687, 0.2583

Complementary

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



34.9200, 0.4012, 0.3643



39.3630, 0.2509, 0.2900

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.



34.9200, 0.2410, 0.2625



34.9200, 0.4012, 0.3643



34.9200, 0.2415, 0.3217

Square

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



34.9200, 0.4012, 0.3643



34.9200, 0.3107, 0.3990



34.9200, 0.2315, 0.2843



34.9200, 0.3097, 0.2703

Rectangle

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



34.9200, 0.4012, 0.3643



34.9200, 0.3669, 0.4063



34.9200, 0.2315, 0.2843



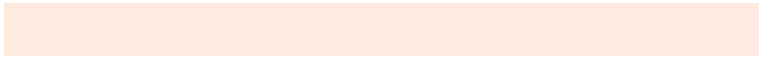
34.9200, 0.2576, 0.2578

Sweetspot

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



34.9217, 0.4012, 0.3643



85.7101, 0.3332, 0.3389



29.2935, 0.3456, 0.2579



18.0343, 0.3357, 0.3401



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.



34.9217, 0.4012, 0.3643



51.8815, 0.4280, 0.3715



49.9379, 0.3802, 0.4131



11.7996, 0.3282, 0.3366



10.7099, 0.5884, 0.3710



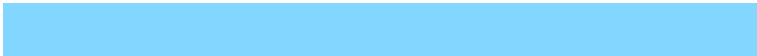
0.6906, 0.5498, 0.4016

Inverse Universe

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



39.3630, 0.2509, 0.2900



60.2459, 0.2389, 0.2800



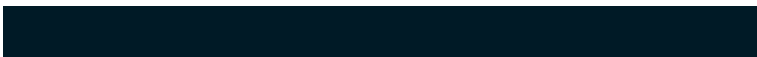
25.6920, 0.2410, 0.2275



12.0880, 0.2983, 0.3213



14.2973, 0.1945, 0.2200



0.8719, 0.2011, 0.2438

Previews

White Background



This preview shows how the Yxy color 34.9200, 0.4012, 0.3643 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 34.9200, 0.4012, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

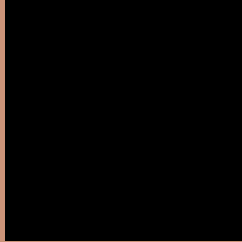
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9200, 0.4012, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 34.9200, 0.4012, 0.3643.



This preview shows how white text looks on a background with the Yxy color 34.9200, 0.4012, 0.3643.

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

34.9200, 0.4012, 0.3643

Protanopia

35.1940, 0.3543, 0.3788

Deuteranopia

34.9332, 0.3841, 0.3758



Tritanopia

34.7677, 0.3705, 0.3151

Trichromacy



Original Color

34.9200, 0.4012, 0.3643

Protanomaly

34.8430, 0.3707, 0.3728

Deuteranomaly

34.9345, 0.3905, 0.3723

Tritanomaly

34.8487, 0.3819, 0.3331

Monochromacy



Original Color

34.9200, 0.4012, 0.3643

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

35.0824, 0.3423, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9200, 0.4012, 0.3643 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, 147, 120)` looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 120)  
}
```

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, 147, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 120) }
```

Border

The CSS property to change the border of an element to Yxy 34.9200, 0.4012, 0.3643 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, 147, 120) }
```

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

```
.border{ border-color:rgb(203, 147, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 147, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 120);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9200, 0.4012, 0.3643 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 120) }
```

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

```
.background{ background-color: rgb(203,  
147, 120) }
```

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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