

Converting Colors

$Yxy(34.9079, 0.3754, 0.3292)$

Have a look what the booklet for
Yxy(34.9079, 0.3754, 0.3292)
contains.

Yxy(34.9916, 0.3750, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9916, 0.3750, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	CB9191
RGB	203, 145, 145
RGB Percent	80%, 57%, 57%
CMY	0.2040, 0.4313, 0.4314
CMYK	0.00, 0.29, 0.29, 0.20
HSL	0°, 36%, 68%
HSV	0°, 29%, 80%
XYZ	39.8598, 34.9916, 31.4414
YIQ	162.3420, 34.5680, 12.2960

Conversions

Conversions Part 2

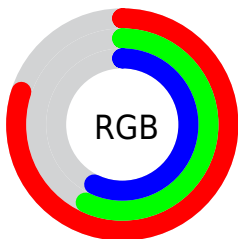
Format	Color
RYB	203, 145, 145
Decimal	13341073
CIELab	65.74, 21.92, 8.74
CIELCh	66, 23.598, 21.741
Yxy	34.9916, 0.3750, 0.3292
Android (android.graphics.Color)	4291531153 (0xFFCB9191)
YUV	162.3420, -8.5496, 35.6571
Hunter-Lab	59.1537, 16.7605, 9.8937

Details

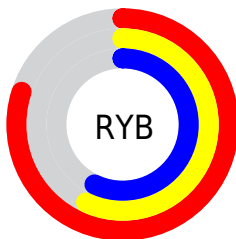
The Yxy color **34.9916, 0.3750, 0.3292** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.0237, 0.2717, 0.3289**, and the grayscale version is **36.3293, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.2304, 0.3577, 0.3291**, and **15.0347, 0.3943, 0.3275** is the 20% darker color. If you saturate the color by 10%, you get **28.7636, 0.4076, 0.3293**, and if you desaturate by 10%, it is **42.4423, 0.3486, 0.3291**.

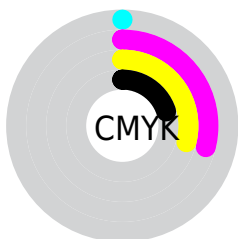
Distribution



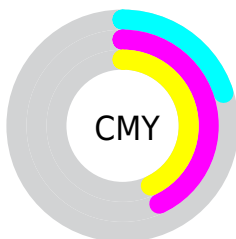
- Red (80%)
- Green (57%)
- Blue (57%)



- Red (80%)
- Yellow (57%)
- Blue (57%)



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





- Cyan (20%)
- Magenta (43%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9916, 0.3750, 0.3292 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 34.9916, 0.3750, 0.3292 by changing the saturation by 10% instead.


 34.9916, 0.3750,
0.3292


 34.9916, 0.3750,
0.3292


324.5313, 0.3421,
0.3297

 23.6564, 0.3838,
0.3288


 67.4728, 0.3626,
0.3296

 15.0789, 0.3955,
0.3282


 89.3875, 0.3581,
0.3297

 8.8748, 0.4117,
0.3270


115.5976, 0.3543,
0.3297

 4.6596, 0.4356,
0.3247

146.4873, 0.3511,
0.3297

 2.0490, 0.4742,
0.3194

182.4412, 0.3484,
0.3297

 0.6357, 0.6213,
0.3359


223.8435, 0.3460,


 0.0000, 1.0000,


0.3298

0.0000


271.0787, 0.3439,
0.3298


 0.0000, 0.0000,
0.0000


 34.9916, 0.3750,
0.3292

 34.9916, 0.3750,
0.3292


 28.7636, 0.4076,
0.3293


 42.4423, 0.3486,
0.3291


 23.6886, 0.4469,
0.3294


 51.1710, 0.3274,
0.3291

 19.6972, 0.4920,
0.3296

 61.2354, 0.3105,
0.3290

 16.7107, 0.5400,
0.3297

 72.6883, 0.2970,
0.3289

 14.6397, 0.5847,
0.3298

 85.5796, 0.2861,
0.3289

■ 13.3791, 0.6187,
0.3299

■ 91.4331, 0.2821,
0.3289

■ 12.7639, 0.6378,
0.3300

■ 12.6942, 0.6401,
0.3300

Harmonies

Analogous

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



34.9916, 0.3469, 0.3011



34.9916, 0.3750, 0.3292



34.9916, 0.3852, 0.3588

Triad

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



34.9916, 0.3750, 0.3292



34.9916, 0.3118, 0.3858



34.9916, 0.2531, 0.2741

Complementary

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



34.9916, 0.3750, 0.3292



53.0237, 0.2717, 0.3289

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.



34.9916, 0.2452, 0.2929



34.9916, 0.3750, 0.3292



34.9916, 0.2777, 0.3590

Square

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



34.9916, 0.3750, 0.3292



34.9916, 0.3474, 0.3941



34.9916, 0.2538, 0.3238



34.9916, 0.2763, 0.2701

Rectangle

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



34.9916, 0.3750, 0.3292



34.9916, 0.3804, 0.3761



34.9916, 0.2538, 0.3238



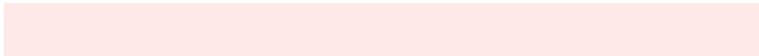
34.9916, 0.2486, 0.2788

Sweetspot

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



34.9932, 0.3750, 0.3292



84.8338, 0.3285, 0.3291



37.2549, 0.3160, 0.2586



17.6708, 0.3313, 0.3291



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.



34.9932, 0.3750, 0.3292



52.2228, 0.3934, 0.3293



45.0051, 0.3648, 0.3659



11.2141, 0.3290, 0.3291



8.0809, 0.6401, 0.3300



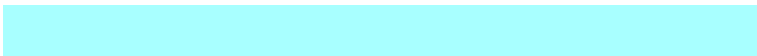
0.4171, 0.6400, 0.3300

Inverse Universe

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



53.0237, 0.2717, 0.3289



87.0835, 0.2644, 0.3288



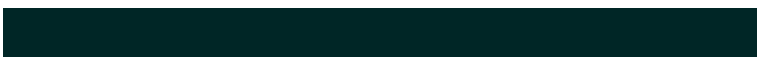
40.5981, 0.2675, 0.2889



12.7266, 0.2984, 0.3290



29.9101, 0.2246, 0.3287



1.5432, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 34.9916, 0.3750, 0.3292 looks on a white background.

Color Contrast Check

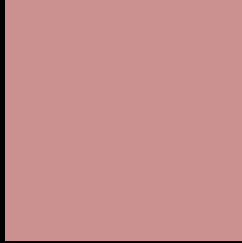
Large Text (above 18pt) WCAG AA × Fail

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 34.9916, 0.3750, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

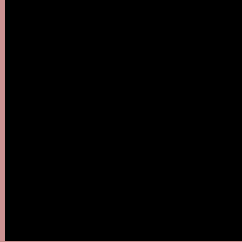
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9916, 0.3750, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 34.9916, 0.3750, 0.3292.



This preview shows how white text looks on a background with the Yxy color 34.9916, 0.3750, 0.3292.

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

34.9916, 0.3750, 0.3292

Protanopia

35.0955, 0.3240, 0.3378

Deuteranopia

35.0395, 0.3520, 0.3445



Tritanopia

35.1504, 0.3656, 0.3150

Trichromacy



Original Color

34.9916, 0.3750, 0.3292

Protanomaly

34.8969, 0.3419, 0.3347

Deuteranomaly

35.0940, 0.3603, 0.3387

Tritanomaly

35.0183, 0.3699, 0.3201

Monochromacy



Original Color

34.9916, 0.3750, 0.3292

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.5243, 0.3337, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9916, 0.3750, 0.3292 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, 145, 145)` looks like.

```
.text, #text, p{  
    color:rgb(203, 145, 145)  
}
```

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, 145, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 145, 145) }
```

Border

The CSS property to change the border of an element to Yxy 34.9916, 0.3750, 0.3292 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, 145, 145) }
```

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

```
.border{ border-color:rgb(203, 145, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 145, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 145, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 145, 145);  
box-shadow:4px 4px 4px 4px rgb(203, 145,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9916, 0.3750, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 145, 145) }
```

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

```
.background{ background-color: rgb(203,  
145, 145) }
```

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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