

Converting Colors

$Yxy(34.9185, 0.3820, 0.3353)$

Have a look what the booklet for
Yxy(34.9185, 0.3820, 0.3353)
contains.

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Color

Yxy(34.9816, 0.3815, 0.3357)

Conversions

Conversions Part 1

Format	Color
Hex	CC918C
RGB	204, 145, 140
RGB Percent	80%, 57%, 55%
CMY	0.2001, 0.4313, 0.4510
CMYK	0.00, 0.29, 0.31, 0.20
HSL	5°, 39%, 67%
HSV	5°, 31%, 80%
XYZ	39.7542, 34.9816, 29.4692
YIQ	162.0710, 36.7690, 10.9530

Conversions

Conversions Part 2

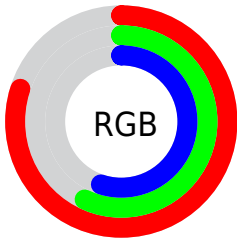
Format	Color
R_{YB}	204, 145, 140
Decimal	13406604
CIE _{Lab}	65.73, 21.62, 11.55
CIE _{LCh}	66, 24.514, 28.113
Yxy	34.9816, 0.3815, 0.3357
Android (android.graphics.Color)	4291596684 (0xFFCC918C)
YUV	162.0710, -10.8810, 36.7717
Hunter-Lab	59.1452, 16.4737, 11.8604

Details

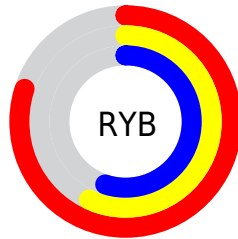
The Yxy color **34.9816, 0.3815, 0.3357** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **50.7580, 0.2673, 0.3221**, and the grayscale version is **36.2058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.0019, 0.3617, 0.3343**, and **15.0395, 0.4038, 0.3363** is the 20% darker color. If you saturate the color by 10%, you get **29.1581, 0.4143, 0.3379**, and if you desaturate by 10%, it is **41.8704, 0.3545, 0.3335**.

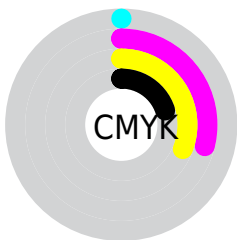
Distribution



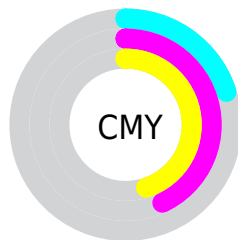
- Red (80%)
- Green (57%)
- Blue (55%)



- Red (80%)
- Yellow (57%)
- Blue (55%)



- Cyan (0%)
- Magenta (29%)
- Yellow (31%)
- Black (20%)





- Cyan (20%)
- Magenta (43%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9816, 0.3815, 0.3357 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 34.9816, 0.3815, 0.3357 by changing the saturation by 10% instead.


 34.9816, 0.3815,
0.3357


 34.9816, 0.3815,
0.3357


324.4871, 0.3451,
0.3331

 23.6487, 0.3912,
0.3361

 67.4573, 0.3678,
0.3349

 15.0732, 0.4042,
0.3364


 89.3688, 0.3628,
0.3346

 8.8708, 0.4220,
0.3364


 115.5754, 0.3586,
0.3343

 4.6570, 0.4483,
0.3356

146.4613, 0.3551,
0.3340

 2.0475, 0.4903,
0.3321

182.4111, 0.3521,
0.3337

 0.6348, 0.6474,
0.3526

223.8091, 0.3494,

 0.0000, 1.0000,

0.3335

0.0000

271.0396, 0.3471,
0.3333

0.0000, 0.0000,
0.0000

34.9816, 0.3815,
0.3357

34.9816, 0.3815,
0.3357

29.1581, 0.4143,
0.3379

41.8704, 0.3545,
0.3335

24.3420, 0.4530,
0.3398

49.8688, 0.3326,
0.3313

20.4776, 0.4968,
0.3410

59.0244, 0.3149,
0.3293

17.5017, 0.5426,
0.3410

69.3809, 0.3005,
0.3274

15.3434, 0.5850,
0.3396

80.9793, 0.2888,
0.3257

■ 13.9209, 0.6173,
0.3367

■ 91.5726, 0.2827,
0.3289

■ 13.2030, 0.6348,
0.3342

Harmonies

Analogous

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



34.9816, 0.3556, 0.3058



34.9816, 0.3815, 0.3357



34.9816, 0.3875, 0.3659

Triad

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



34.9816, 0.3815, 0.3357



34.9816, 0.3037, 0.3836



34.9816, 0.2548, 0.2699

Complementary

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



34.9816, 0.3815, 0.3357



50.7580, 0.2673, 0.3221

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.



34.9816, 0.2430, 0.2861



34.9816, 0.3815, 0.3357



34.9816, 0.2700, 0.3526

Square

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



34.9816, 0.3815, 0.3357



34.9816, 0.3412, 0.3967



34.9816, 0.2483, 0.3159



34.9816, 0.2816, 0.2690

Rectangle

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



34.9816, 0.3815, 0.3357



34.9816, 0.3795, 0.3826



34.9816, 0.2483, 0.3159



34.9816, 0.2490, 0.2736

Sweetspot

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



34.9833, 0.3815, 0.3357



85.8491, 0.3283, 0.3308



35.7464, 0.3204, 0.2564



17.9182, 0.3311, 0.3311



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.



34.9833, 0.3815, 0.3357



50.8951, 0.4043, 0.3373



45.8749, 0.3694, 0.3749



11.3526, 0.3288, 0.3309



8.3678, 0.6335, 0.3352



0.4820, 0.6132, 0.3513

Inverse Universe

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



50.7580, 0.2673, 0.3221



81.2664, 0.2584, 0.3204



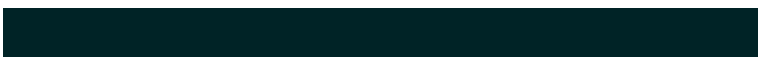
37.8364, 0.2622, 0.2782



12.5706, 0.2984, 0.3271



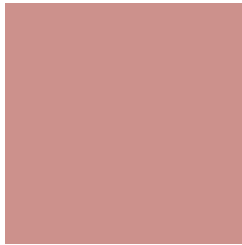
25.4454, 0.2179, 0.3045



1.3584, 0.2194, 0.3096

Previews

White Background



This preview shows how the Yxy color 34.9816, 0.3815, 0.3357 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 34.9816, 0.3815, 0.3357 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

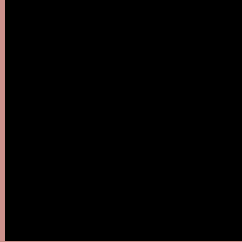
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9816, 0.3815, 0.3357

Background



This preview shows how black text looks on a background with the Yxy color 34.9816, 0.3815, 0.3357.



This preview shows how white text looks on a background with the Yxy color 34.9816, 0.3815, 0.3357.

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

34.9816, 0.3815, 0.3357

Protanopia

35.0414, 0.3297, 0.3451

Deuteranopia

35.0135, 0.3581, 0.3515



Tritanopia

34.9572, 0.3680, 0.3151

Trichromacy



Original Color

34.9816, 0.3815, 0.3357

Protanomaly

34.8588, 0.3480, 0.3418

Deuteranomaly

35.0737, 0.3666, 0.3455

Tritanomaly

35.0956, 0.3731, 0.3227

Monochromacy



Original Color

34.9816, 0.3815, 0.3357

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4571, 0.3356, 0.3319

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9816, 0.3815, 0.3357 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, 145, 140)` looks like.

```
.text, #text, p{  
    color:rgb(204, 145, 140)  
}
```

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, 145, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 145, 140) }
```

Border

The CSS property to change the border of an element to Yxy 34.9816, 0.3815, 0.3357 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, 145, 140) }
```

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

```
.border{ border-color:rgb(204, 145, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 145, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 145, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 145, 140);  
box-shadow:4px 4px 4px 4px rgb(204, 145,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9816, 0.3815, 0.3357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 145, 140) }
```

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

```
.background{ background-color: rgb(204,  
145, 140) }
```

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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