

Converting Colors

$Yxy(35.2393, 0.3934, 0.3461)$

Have a look what the booklet for
Yxy(35.2393, 0.3934, 0.3461)
contains.

Yxy(35.1821, 0.3935, 0.3459)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.1821, 0.3935, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	CF9184
RGB	207, 145, 132
RGB Percent	81%, 57%, 52%
CMY	0.1882, 0.4314, 0.4824
CMYK	0.00, 0.30, 0.36, 0.19
HSL	10°, 44%, 66%
HSV	10°, 36%, 81%
XYZ	40.0236, 35.1821, 26.5061
YIQ	162.0560, 41.1250, 9.1010

Conversions

Conversions Part 2

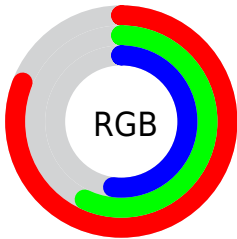
Format	Color
R _Y B	207, 148, 132
Decimal	13603204
CIE Lab	65.89, 21.79, 16.31
CIE LCh	66, 27.221, 36.812
Yxy	35.1821, 0.3935, 0.3459
Android (android.graphics.Color)	4291793284 (0xFFCF9184)
YUV	162.0560, -14.8176, 39.4159
Hunter-Lab	59.3145, 16.6459, 15.0250

Details

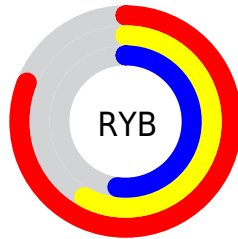
The Yxy color **35.1821, 0.3935, 0.3459** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.9911, 0.2598, 0.3111**, and the grayscale version is **36.2158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6096, 0.3689, 0.3437**, and **15.2092, 0.4195, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **29.8310, 0.4267, 0.3505**, and if you desaturate by 10%, it is **41.4365, 0.3654, 0.3411**.

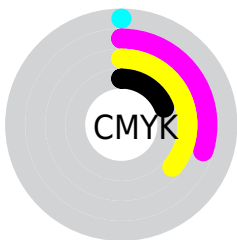
Distribution



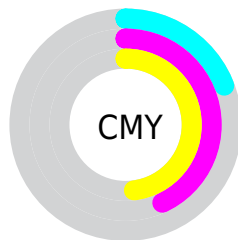
- Red (81%)
- Green (57%)
- Blue (52%)



- Red (81%)
- Yellow (58%)
- Blue (52%)



- Cyan (0%)
- Magenta (30%)
- Yellow (36%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1821, 0.3935, 0.3459 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 35.1821, 0.3935, 0.3459 by changing the saturation by 10% instead.


 35.1821, 0.3935,
0.3459

 35.1821, 0.3935,
0.3459


325.3714, 0.3508,
0.3383


 23.8032, 0.4049,
0.3474


 67.7678, 0.3774,
0.3434

 15.1877, 0.4199,
0.3490


 89.7433, 0.3716,
0.3424

 8.9512, 0.4406,
0.3507


 116.0199, 0.3667,
0.3415

 4.7094, 0.4706,
0.3517

146.9818, 0.3625,
0.3407

 2.0778, 0.5184,
0.3507

183.0135, 0.3590,
0.3400

 0.6521, 0.6463,
0.3537

224.4994, 0.3559,

 0.0000, 1.0000,

0.3394

0.0000

271.8239, 0.3532,
0.3388

0.0000, 0.0000,
0.0000

35.1821, 0.3935,
0.3459

35.1821, 0.3935,
0.3459

29.8310, 0.4267,
0.3505

41.4365, 0.3654,
0.3411

25.3365, 0.4650,
0.3541

48.6281, 0.3421,
0.3362

21.6549, 0.5068,
0.3562

56.7953, 0.3229,
0.3317

18.7369, 0.5490,
0.3557

65.9730, 0.3071,
0.3275

16.5277, 0.5867,
0.3522

76.1941, 0.2941,
0.3236

■ 14.9642, 0.6149,
0.3457

■ 87.4130, 0.2839,
0.3213

■ 14.5232, 0.6232,
0.3433

■ 92.0068, 0.2844,
0.3289

Harmonies

Analogous

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



35.1821, 0.3704, 0.3123



35.1821, 0.3935, 0.3459



35.1821, 0.3929, 0.3779

Triad

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



35.1821, 0.3935, 0.3459



35.1821, 0.2908, 0.3815



35.1821, 0.2558, 0.2619

Complementary

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



35.1821, 0.3935, 0.3459



47.9911, 0.2598, 0.3111

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.



35.1821, 0.2379, 0.2745



35.1821, 0.3935, 0.3459



35.1821, 0.2569, 0.3432

Square

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



35.1821, 0.3935, 0.3459



35.1821, 0.3321, 0.4027



35.1821, 0.2382, 0.3034



35.1821, 0.2892, 0.2657

Rectangle

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



35.1821, 0.3935, 0.3459



35.1821, 0.3796, 0.3943



35.1821, 0.2382, 0.3034



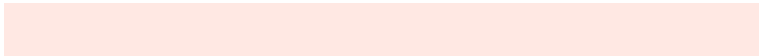
35.1821, 0.2479, 0.2642

Sweetspot

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



35.1838, 0.3935, 0.3459



84.4131, 0.3319, 0.3339



33.6836, 0.3292, 0.2533



17.6862, 0.3345, 0.3345



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.



35.1838, 0.3935, 0.3459



49.9995, 0.4172, 0.3493



48.3891, 0.3769, 0.3911



12.1350, 0.3286, 0.3331



9.2462, 0.6213, 0.3449



0.6210, 0.5880, 0.3713

Inverse Universe

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



47.9911, 0.2598, 0.3111



73.2497, 0.2505, 0.3070



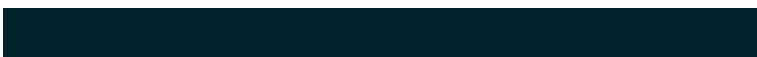
33.5221, 0.2523, 0.2576



13.0435, 0.2983, 0.3249



21.3335, 0.2092, 0.2731



1.2869, 0.2123, 0.2844

Previews

White Background



This preview shows how the Yxy color 35.1821, 0.3935, 0.3459 looks on a white background.

Color Contrast Check

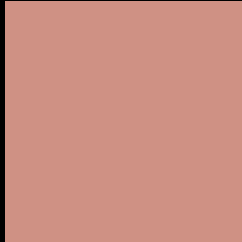
Large Text (above 18pt) WCAG AA × Fail

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 35.1821, 0.3935, 0.3459 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 35.1821, 0.3935, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 35.1821, 0.3935, 0.3459.



This preview shows how white text looks on a background with the Yxy color 35.1821, 0.3935, 0.3459.

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

35.1821, 0.3935, 0.3459

Protanopia

35.3305, 0.3399, 0.3598

Deuteranopia

35.1620, 0.3694, 0.3624



Tritanopia

35.2012, 0.3736, 0.3153

Trichromacy



Original Color

35.1821, 0.3935, 0.3459

Protanomaly

35.1653, 0.3588, 0.3558

Deuteranomaly

35.2412, 0.3781, 0.3561

Tritanomaly

35.0992, 0.3811, 0.3267

Monochromacy



Original Color

35.1821, 0.3935, 0.3459

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

35.4763, 0.3395, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1821, 0.3935, 0.3459 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(207, 145, 132)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 132)  
}
```

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(207, 145, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 132) }
```

Border

The CSS property to change the border of an element to Yxy 35.1821, 0.3935, 0.3459 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(207, 145, 132) }
```

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

```
.border{ border-color:rgb(207, 145, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 145, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 132);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1821, 0.3935, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 145, 132) }
```

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

```
.background{ background-color: rgb(207,  
145, 132) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor