

Converting Colors

$Yxy(35.8328, 0.3637, 0.3108)$

Have a look what the booklet for
Yxy(35.8328, 0.3637, 0.3108)
contains.

Yxy(36.0194, 0.3641, 0.3114)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.0194, 0.3641, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	CF919F
RGB	207, 145, 159
RGB Percent	81%, 57%, 62%
CMY	0.1882, 0.4313, 0.3765
CMYK	0.00, 0.30, 0.23, 0.19
HSL	346°, 39%, 69%
HSV	346°, 30%, 81%
XYZ	42.1152, 36.0194, 37.5347
YIQ	165.1340, 32.4580, 17.4980

Conversions

Conversions Part 2

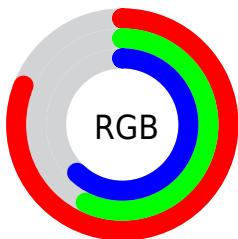
Format	Color
R_{YB}	207, 145, 159
Decimal	13603231
CIE Lab	66.53, 25.43, 2.07
CIE LCh	67, 25.516, 4.646
Yxy	36.0194, 0.3641, 0.3114
Android (android.graphics.Color)	4291793311 (0xFFCF919F)
YUV	165.1340, -3.0241, 36.7165
Hunter-Lab	60.0162, 20.2306, 4.9308

Details

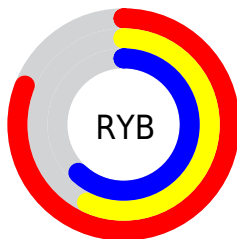
The Yxy color **36.0194, 0.3641, 0.3114** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.4952, 0.2782, 0.3476**, and the grayscale version is **37.6986, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.9619, 0.3458, 0.3138**, and **15.6674, 0.3794, 0.3053** is the 20% darker color. If you saturate the color by 10%, you get **29.7398, 0.3895, 0.3054**, and if you desaturate by 10%, it is **43.5270, 0.3433, 0.3175**.

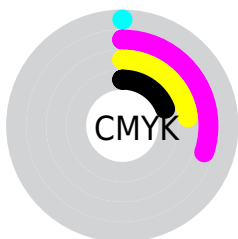
Distribution



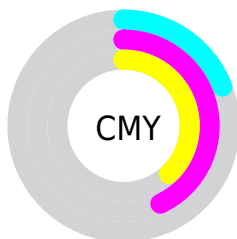
- Red (81%)
- Green (57%)
- Blue (62%)



- Red (81%)
- Yellow (57%)
- Blue (62%)



- Cyan (0%)
- Magenta (30%)
- Yellow (23%)
- Black (19%)





- Cyan (19%)
- Magenta (43%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0194, 0.3641, 0.3114 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 36.0194, 0.3641, 0.3114 by changing the saturation by 10% instead.

 36.0194, 0.3641,
0.3114


 36.0194, 0.3641,
0.3114


329.0453, 0.3372,
0.3208

 24.4492, 0.3712,
0.3089


 69.0620, 0.3540,
0.3149

 15.6672, 0.3806,
0.3055


 91.3032, 0.3504,
0.3162

 9.2889, 0.3935,
0.3008


117.8701, 0.3473,
0.3173

 4.9301, 0.4124,
0.2939

149.1473, 0.3447,
0.3182

 2.2063, 0.4427,
0.2825

185.5189, 0.3424,
0.3190

 0.7234, 0.5060,
0.2615

227.3696, 0.3405,

 0.0000, 1.0000,

0.3196

0.0000

275.0836, 0.3387,
0.3202

0.0000, 0.0000,
0.0000

36.0194, 0.3641,
0.3114

36.0194, 0.3641,
0.3114

29.7398, 0.3895,
0.3054

43.5270, 0.3433,
0.3175

24.6177, 0.4199,
0.2999

52.3181, 0.3264,
0.3235

20.5834, 0.4553,
0.2958

62.4508, 0.3127,
0.3290

17.5573, 0.4944,
0.2940

73.9783, 0.3015,
0.3342

15.4490, 0.5346,
0.2955

86.9508, 0.2925,
0.3389

■ 14.1516, 0.5717,
0.3009

■ 92.0051, 0.2844,
0.3289

■ 13.4712, 0.6019,
0.3090

■ 13.4682, 0.6020,
0.3090

Harmonies

Analogous

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



36.0194, 0.3272, 0.2852



36.0194, 0.3641, 0.3114



36.0194, 0.3869, 0.3428

Triad

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



36.0194, 0.3641, 0.3114



36.0194, 0.3338, 0.3979



36.0194, 0.2422, 0.2798

Complementary

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



36.0194, 0.3641, 0.3114



54.4952, 0.2782, 0.3476

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.



36.0194, 0.2438, 0.3078



36.0194, 0.3641, 0.3114



36.0194, 0.2951, 0.3796

Square

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



36.0194, 0.3641, 0.3114



36.0194, 0.3681, 0.3941



36.0194, 0.2626, 0.3451



36.0194, 0.2579, 0.2666

Rectangle

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



36.0194, 0.3641, 0.3114



36.0194, 0.3903, 0.3635



36.0194, 0.2626, 0.3451



36.0194, 0.2407, 0.2876

Sweetspot

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



36.0211, 0.3641, 0.3114



85.1294, 0.3251, 0.3239



36.0338, 0.3025, 0.2520



17.7430, 0.3273, 0.3231



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.



36.0211, 0.3641, 0.3114



50.9831, 0.3800, 0.3074



40.9875, 0.3731, 0.3501



11.8513, 0.3256, 0.3238



8.4977, 0.5988, 0.3072



0.4875, 0.5460, 0.2781

Inverse Universe

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



36.0211, 0.3641, 0.3114



50.9831, 0.3800, 0.3074



47.5546, 0.2674, 0.3067



11.8513, 0.3256, 0.3238



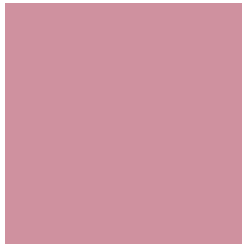
8.4977, 0.5988, 0.3072



0.4875, 0.5460, 0.2781

Previews

White Background



This preview shows how the Yxy color 36.0194, 0.3641, 0.3114 looks on a white background.

Color Contrast Check

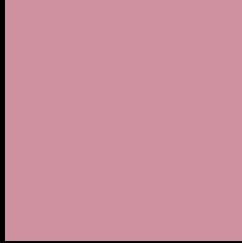
Large Text (above 18pt) WCAG AA × Fail

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 36.0194, 0.3641, 0.3114 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 36.0194, 0.3641, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 36.0194, 0.3641, 0.3114.



This preview shows how white text looks on a background with the Yxy color 36.0194, 0.3641, 0.3114.

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

36.0194, 0.3641, 0.3114

Protanopia

36.1034, 0.3085, 0.3190

Deuteranopia

36.2516, 0.3355, 0.3291



Tritanopia

35.9505, 0.3663, 0.3139

Trichromacy



Original Color

36.0194, 0.3641, 0.3114

Protanomaly

35.7430, 0.3272, 0.3152

Deuteranomaly

36.1982, 0.3455, 0.3224

Tritanomaly

35.9848, 0.3652, 0.3127

Monochromacy



Original Color

36.0194, 0.3641, 0.3114

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8014, 0.3297, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0194, 0.3641, 0.3114 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(207, 145, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 145, 159) }
```

Border

The CSS property to change the border of an element to Yxy 36.0194, 0.3641, 0.3114 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, 159) }
```

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

```
.border{ border-color:rgb(207, 145, 159) }
```

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, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 145, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 145, 159);  
box-shadow:4px 4px 4px 4px rgb(207, 145,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0194, 0.3641, 0.3114 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, 159) }
```

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

```
.background{ background-color: rgb(207,  
145, 159) }
```

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