

Converting Colors

$Yxy(35.6276, 0.3546, 0.3048)$

Have a look what the booklet for
Yxy(35.6276, 0.3546, 0.3048)
contains.

Yxy(35.6276, 0.3546, 0.3048)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.6276, 0.3546, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	CB91A4
RGB	203, 145, 164
RGB Percent	80%, 57%, 64%
CMY	0.2040, 0.4313, 0.3569
CMYK	0.00, 0.29, 0.19, 0.20
HSL	340°, 36%, 68%
HSV	340°, 29%, 80%
XYZ	41.4486, 35.6276, 39.8122
YIQ	164.5080, 28.4690, 18.2050

Conversions

Conversions Part 2

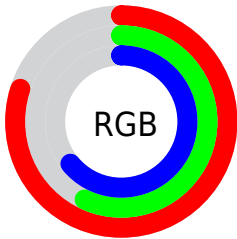
Format	Color
R _Y B	203, 145, 164
Decimal	13341092
CIE Lab	66.23, 24.71, -1.23
CIE LCh	66, 24.736, 357.146
Yxy	35.6276, 0.3546, 0.3048
Android (android.graphics.Color)	4291531172 (0xFFCB91A4)
YUV	164.5080, -0.2504, 33.7575
Hunter-Lab	59.6889, 19.4970, 2.2360

Details

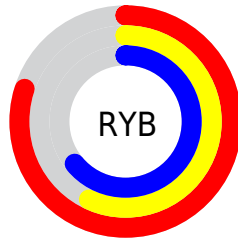
The Yxy color **35.6276, 0.3546, 0.3048** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1803, 0.2834, 0.3548**, and the grayscale version is **37.3705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2213, 0.3419, 0.3087**, and **15.4712, 0.3687, 0.2980** is the 20% darker color. If you saturate the color by 10%, you get **29.5025, 0.3757, 0.2960**, and if you desaturate by 10%, it is **42.9171, 0.3371, 0.3136**.

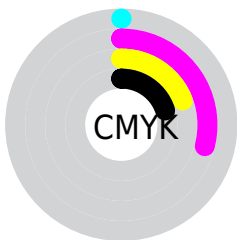
Distribution



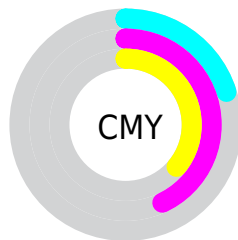
- Red (80%)
- Green (57%)
- Blue (64%)



- Red (80%)
- Yellow (57%)
- Blue (64%)



- Cyan (0%)
- Magenta (29%)
- Yellow (19%)
- Black (20%)



- Cyan (20%)
- Magenta (43%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6276, 0.3546, 0.3048 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 35.6276, 0.3546, 0.3048 by changing the saturation by 10% instead.


 35.6276, 0.3546,
0.3048


 35.6276, 0.3546,
0.3048


327.3299, 0.3328,
0.3174

 24.1467, 0.3604,
0.3015


 68.4569, 0.3464,
0.3095

 15.4425, 0.3679,
0.2972


 90.5741, 0.3435,
0.3112

 9.1305, 0.3784,
0.2913


117.0055, 0.3409,
0.3126

 4.8264, 0.3936,
0.2827

148.1356, 0.3388,
0.3139

 2.1458, 0.4179,
0.2691

184.3486, 0.3370,
0.3149

 0.6902, 0.4657,
0.2414

226.0291, 0.3354,

 0.0000, 1.0000,

0.3158

0.0000

273.5614, 0.3340,
0.3166

0.0000, 0.0000,
0.0000

35.6276, 0.3546,
0.3048

35.6276, 0.3546,
0.3048

29.5025, 0.3757,
0.2960

42.9171, 0.3371,
0.3136

24.4762, 0.4010,
0.2877

51.4222, 0.3228,
0.3221

20.4841, 0.4303,
0.2809

61.1971, 0.3112,
0.3301

17.4528, 0.4633,
0.2766

72.2914, 0.3016,
0.3375

15.2991, 0.4982,
0.2761

84.7517, 0.2938,
0.3443

■ 13.9254, 0.5326,
0.2803

■ 90.8601, 0.2868,
0.3385

■ 13.1791, 0.5636,
0.2889

■ 91.4325, 0.2821,
0.3289

■ 13.0914, 0.5679,
0.2902

Harmonies

Analogous

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



35.6276, 0.3171, 0.2812



35.6276, 0.3546, 0.3048



35.6276, 0.3811, 0.3347

Triad

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



35.6276, 0.3546, 0.3048



35.6276, 0.3424, 0.3970



35.6276, 0.2427, 0.2867

Complementary

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



35.6276, 0.3546, 0.3048



52.1803, 0.2834, 0.3548

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.



35.6276, 0.2486, 0.3170



35.6276, 0.3546, 0.3048



35.6276, 0.3049, 0.3845

Square

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



35.6276, 0.3546, 0.3048



35.6276, 0.3732, 0.3886



35.6276, 0.2708, 0.3539



35.6276, 0.2540, 0.2700

Rectangle

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



35.6276, 0.3546, 0.3048



35.6276, 0.3881, 0.3553



35.6276, 0.2708, 0.3539



35.6276, 0.2428, 0.2955

Sweetspot

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



35.6292, 0.3546, 0.3048



85.2669, 0.3236, 0.3217



34.7146, 0.2977, 0.2546



17.7767, 0.3255, 0.3204



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.



35.6292, 0.3546, 0.3048



53.3933, 0.3666, 0.2996



38.0729, 0.3715, 0.3417



11.2732, 0.3239, 0.3214



8.3490, 0.5642, 0.2882



0.4447, 0.5084, 0.2574

Inverse Universe

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



35.6292, 0.3546, 0.3048



53.3933, 0.3666, 0.2996



48.6102, 0.2703, 0.3159



11.2732, 0.3239, 0.3214



8.3490, 0.5642, 0.2882



0.4447, 0.5084, 0.2574

Previews

White Background



This preview shows how the Yxy color 35.6276, 0.3546, 0.3048 looks on a white background.

Color Contrast Check

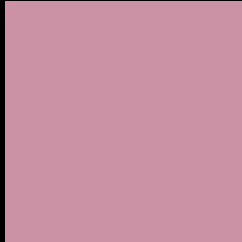
Large Text (above 18pt) WCAG AA × Fail

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 35.6276, 0.3546, 0.3048 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 35.6276, 0.3546, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 35.6276, 0.3546, 0.3048.



This preview shows how white text looks on a background with the Yxy color 35.6276, 0.3546, 0.3048.

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

35.6276, 0.3546, 0.3048

Protanopia

35.7358, 0.3023, 0.3104

Deuteranopia

35.7327, 0.3279, 0.3207



Tritanopia

35.5486, 0.3607, 0.3149

Trichromacy



Original Color

35.6276, 0.3546, 0.3048

Protanomaly

35.5751, 0.3196, 0.3083

Deuteranomaly

35.5399, 0.3367, 0.3141

Tritanomaly

35.6524, 0.3576, 0.3111

Monochromacy



Original Color

35.6276, 0.3546, 0.3048

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.7540, 0.3268, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6276, 0.3546, 0.3048 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(203, 145, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 145, 164) }
```

Border

The CSS property to change the border of an element to Yxy 35.6276, 0.3546, 0.3048 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, 164) }
```

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

```
.border{ border-color:rgb(203, 145, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 145, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 145, 164);  
box-shadow:4px 4px 4px 4px rgb(203, 145,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6276, 0.3546, 0.3048 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, 164) }
```

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

```
.background{ background-color: rgb(203,  
145, 164) }
```

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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