

Converting Colors

$Yxy(36.0523, 0.3418, 0.3113)$

Have a look what the booklet for
Yxy(36.0523, 0.3418, 0.3113)
contains.

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Color

Yxy(36.0200, 0.3420, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	C097A4
RGB	192, 151, 164
RGB Percent	75%, 59%, 64%
CMY	0.2470, 0.4079, 0.3568
CMYK	0.00, 0.21, 0.15, 0.25
HSL	341°, 25%, 67%
HSV	341°, 21%, 75%
XYZ	39.5088, 36.0200, 39.9940
YIQ	164.7410, 20.2630, 12.7350

Conversions

Conversions Part 2

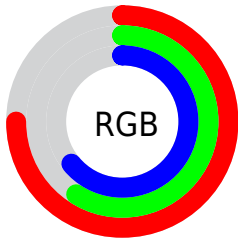
Format	Color
R _Y B	192, 151, 164
Decimal	12621732
CIE Lab	66.54, 17.40, -0.93
CIE LCh	67, 17.424, 356.939
Yxy	36.0200, 0.3420, 0.3118
Android (android.graphics.Color)	4290811812 (0xFFC097A4)
YUV	164.7410, -0.3653, 23.9061
Hunter-Lab	60.0167, 12.4768, 2.5019

Details

The Yxy color **36.0200, 0.3420, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.5404, 0.2901, 0.3469**, and the grayscale version is **37.4922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9169, 0.3364, 0.3146**, and **15.6875, 0.3518, 0.3072** is the 20% darker color. If you saturate the color by 10%, you get **29.8868, 0.3606, 0.3032**, and if you desaturate by 10%, it is **43.2119, 0.3267, 0.3201**.

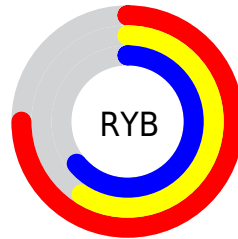
Distribution



Red (75%)

Green (59%)

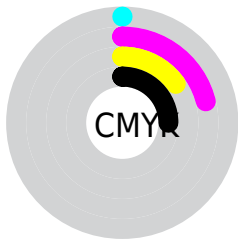
Blue (64%)



Red (75%)

Yellow (59%)

Blue (64%)

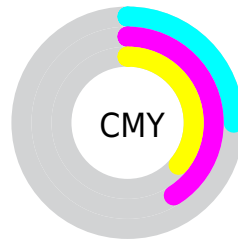


Cyan (0%)

Magenta (21%)

Yellow (15%)

Black (25%)



Cyan (25%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.0200, 0.3420, 0.3118 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 36.0200, 0.3420, 0.3118 by changing the saturation by 10% instead.


 36.0200, 0.3420,
0.3118


 36.0200, 0.3420,
0.3118


329.0480, 0.3268,
0.3207

 24.4496, 0.3460,
0.3095


 69.0629, 0.3363,
0.3151

 15.6675, 0.3513,
0.3064


 91.3043, 0.3342,
0.3164

 9.2892, 0.3586,
0.3022


117.8715, 0.3325,
0.3174

 4.9303, 0.3693,
0.2960

149.1488, 0.3310,
0.3183

 2.2064, 0.3864,
0.2862

185.5207, 0.3297,
0.3190

 0.7235, 0.4202,
0.2661

227.3716, 0.3286,

 0.0000, 1.0000,

0.3197

0.0000

275.0859, 0.3276,
0.3202

0.0000, 0.0000,
0.0000

36.0200, 0.3420,
0.3118

36.0200, 0.3420,
0.3118

29.8868, 0.3606,
0.3032

43.2119, 0.3267,
0.3201

24.7572, 0.3831,
0.2948

51.5044, 0.3142,
0.3280

20.5786, 0.4098,
0.2872

60.9429, 0.3040,
0.3353

17.2917, 0.4407,
0.2811

71.5692, 0.2957,
0.3420

14.8302, 0.4748,
0.2779

83.4226, 0.2889,
0.3481

■ 13.1186, 0.5103,
0.2787

■ 89.1804, 0.2825,
0.3421

■ 12.0674, 0.5444,
0.2842

■ 89.9485, 0.2763,
0.3289

■ 11.5443, 0.5708,
0.2918

Harmonies

Analogous

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



36.0200, 0.3159, 0.2946



36.0200, 0.3420, 0.3118



36.0200, 0.3604, 0.3336

Triad

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



36.0200, 0.3420, 0.3118



36.0200, 0.3343, 0.3762



36.0200, 0.2627, 0.2998

Complementary

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



36.0200, 0.3420, 0.3118



47.5404, 0.2901, 0.3469

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.



36.0200, 0.2672, 0.3214



36.0200, 0.3420, 0.3118



36.0200, 0.3078, 0.3672

Square

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



36.0200, 0.3420, 0.3118



36.0200, 0.3556, 0.3712



36.0200, 0.2834, 0.3466



36.0200, 0.2708, 0.2872

Rectangle

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



36.0200, 0.3420, 0.3118



36.0200, 0.3654, 0.3483



36.0200, 0.2834, 0.3466



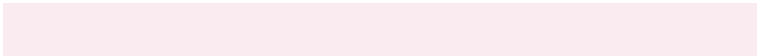
36.0200, 0.2628, 0.3062

Sweetspot

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



36.0216, 0.3420, 0.3118



85.9395, 0.3198, 0.3243



35.4447, 0.3022, 0.2745



18.2253, 0.3206, 0.3238



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36.0216, 0.3420, 0.3118



59.4059, 0.3510, 0.3075



37.8401, 0.3533, 0.3383



10.1294, 0.3240, 0.3217



7.7793, 0.5675, 0.2900



0.3489, 0.5028, 0.2544

Inverse Universe

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



36.0216, 0.3420, 0.3118



59.4059, 0.3510, 0.3075



45.1587, 0.2807, 0.3195



10.1294, 0.3240, 0.3217



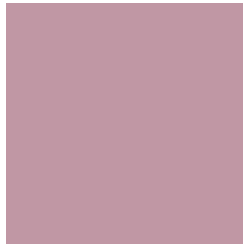
7.7793, 0.5675, 0.2900



0.3489, 0.5028, 0.2544

Previews

White Background



This preview shows how the Yxy color 36.0200, 0.3420, 0.3118 looks on a white background.

Color Contrast Check

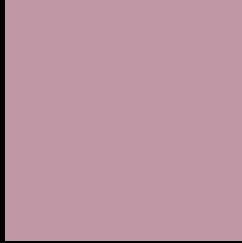
Large Text (above 18pt) WCAG AA × Fail

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 36.0200, 0.3420, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

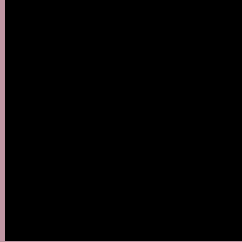
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.0200, 0.3420, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 36.0200, 0.3420, 0.3118.



This preview shows how white text looks on a background with the Yxy color 36.0200, 0.3420, 0.3118.

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

36.0200, 0.3420, 0.3118

Protanopia

36.1785, 0.3067, 0.3161

Deuteranopia

36.1054, 0.3269, 0.3207



Tritanopia

35.9840, 0.3430, 0.3131

Trichromacy



Original Color

36.0200, 0.3420, 0.3118

Protanomaly

35.9398, 0.3193, 0.3137

Deuteranomaly

36.0321, 0.3321, 0.3181

Tritanomaly

35.9840, 0.3430, 0.3131

Monochromacy



Original Color

36.0200, 0.3420, 0.3118

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.9722, 0.3227, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.0200, 0.3420, 0.3118 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(192, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(192, 151, 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(192, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 151, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.0200, 0.3420, 0.3118 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(192, 151, 164) }
```

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

```
.border{ border-color:rgb(192, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(192, 151,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.0200, 0.3420, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 151, 164) }
```

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

```
.background{ background-color: rgb(192,  
151, 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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