

Converting Colors

$Y_{xy}(36.4145, 0.3720, 0.3114)$

Have a look what the booklet for
Yxy(36.4145, 0.3720, 0.3114)
contains.

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Color

Yxy(36.5613, 0.3717, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	D5909E
RGB	213, 144, 158
RGB Percent	84%, 56%, 62%
CMY	0.1647, 0.4353, 0.3803
CMYK	0.00, 0.32, 0.26, 0.16
HSL	348°, 45%, 70%
HSV	348°, 32%, 84%
XYZ	43.5851, 36.5613, 37.1124
YIQ	166.2270, 36.6300, 18.9820

Conversions

Conversions Part 2

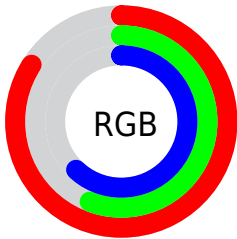
Format	Color
R _Y B	213, 144, 158
Decimal	13996190
CIE Lab	66.95, 28.04, 3.30
CIE LCh	67, 28.236, 6.722
Yxy	36.5613, 0.3717, 0.3118
Android (android.graphics.Color)	4292186270 (0xFFD5909E)
YUV	166.2270, -4.0559, 41.0199
Hunter-Lab	60.4659, 22.8511, 5.9355

Details

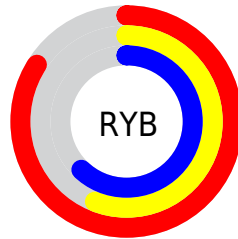
The Yxy color **36.5613, 0.3717, 0.3118** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.6392, 0.2747, 0.3472**, and the grayscale version is **38.2567, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4523, 0.3468, 0.3137**, and **16.0583, 0.3902, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **30.1630, 0.3993, 0.3065**, and if you desaturate by 10%, it is **44.2610, 0.3491, 0.3173**.

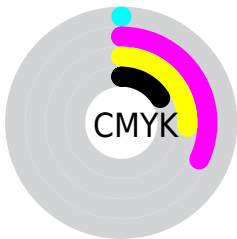
Distribution



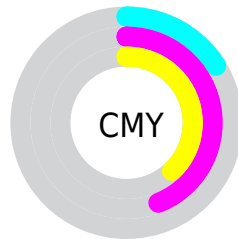
- Red (84%)
- Green (56%)
- Blue (62%)



- Red (84%)
- Yellow (56%)
- Blue (62%)



- Cyan (0%)
- Magenta (32%)
- Yellow (26%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5613, 0.3717, 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 36.5613, 0.3717, 0.3118 by changing the saturation by 10% instead.


 36.5613, 0.3717,
0.3118


 36.5613, 0.3717,
0.3118


331.4073, 0.3409,
0.3210

 24.8680, 0.3798,
0.3093


 69.8975, 0.3602,
0.3153

 15.9787, 0.3905,
0.3059


 92.3093, 0.3560,
0.3166

 9.5091, 0.4053,
0.3012


119.0626, 0.3524,
0.3176

 5.0747, 0.4267,
0.2941

150.5420, 0.3494,
0.3185

 2.2912, 0.4608,
0.2824

187.1317, 0.3468,
0.3193

 0.7690, 0.5308,
0.2624

229.2163, 0.3446,


 0.0000, 1.0000,


0.3200


0.0000


277.1800, 0.3426,
0.3205


 0.0000, 0.0000,
0.0000


 36.5613, 0.3717,
0.3118


 36.5613, 0.3717,
0.3118


 30.1630, 0.3993,
0.3065


 44.2610, 0.3491,
0.3173

 24.9889, 0.4321,
0.3018


 53.3232, 0.3307,
0.3227


 20.9619, 0.4699,
0.2987

 63.8115, 0.3158,
0.3278

 17.9938, 0.5108,
0.2980

 75.7838, 0.3038,
0.3326

 15.9833, 0.5515,
0.3006

 89.2950, 0.2940,
0.3369

■ 14.8094, 0.5871,
0.3067

■ 92.8855, 0.2877,
0.3289

■ 14.3216, 0.6087,
0.3127

Harmonies

Analogous

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



36.5613, 0.3316, 0.2827



36.5613, 0.3717, 0.3118



36.5613, 0.3954, 0.3461

Triad

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



36.5613, 0.3717, 0.3118



36.5613, 0.3326, 0.4046



36.5613, 0.2362, 0.2733

Complementary

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



36.5613, 0.3717, 0.3118



57.6392, 0.2747, 0.3472

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.



36.5613, 0.2365, 0.3028



36.5613, 0.3717, 0.3118



36.5613, 0.2903, 0.3829

Square

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



36.5613, 0.3717, 0.3118



36.5613, 0.3712, 0.4016



36.5613, 0.2556, 0.3436



36.5613, 0.2544, 0.2604

Rectangle

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



36.5613, 0.3717, 0.3118



36.5613, 0.3979, 0.3686



36.5613, 0.2556, 0.3436



36.5613, 0.2341, 0.2814

Sweetspot

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



36.5630, 0.3717, 0.3118



83.5552, 0.3270, 0.3239



36.7647, 0.3025, 0.2456



17.4279, 0.3293, 0.3232



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.



36.5630, 0.3717, 0.3118



48.0104, 0.3905, 0.3080



42.5507, 0.3793, 0.3534



12.4616, 0.3259, 0.3243



8.7606, 0.6054, 0.3109



0.5405, 0.5572, 0.2843

Inverse Universe

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



36.5630, 0.3717, 0.3118



48.0104, 0.3905, 0.3080



49.0724, 0.2636, 0.3031



12.4616, 0.3259, 0.3243



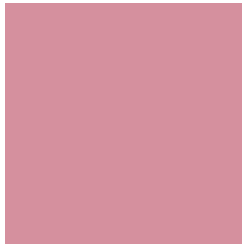
8.7606, 0.6054, 0.3109



0.5405, 0.5572, 0.2843

Previews

White Background



This preview shows how the Yxy color 36.5613, 0.3717, 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 36.5613, 0.3717, 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 36.5613, 0.3717, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 36.5613, 0.3717, 0.3118.



This preview shows how white text looks on a background with the Yxy color 36.5613, 0.3717, 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

36.5613, 0.3717, 0.3118

Protanopia

36.7046, 0.3094, 0.3190

Deuteranopia

36.7991, 0.3383, 0.3318



Tritanopia

36.4592, 0.3750, 0.3155

Trichromacy



Original Color

36.5613, 0.3717, 0.3118

Protanomaly

36.1044, 0.3302, 0.3154

Deuteranomaly

36.5542, 0.3496, 0.3238

Tritanomaly

36.4930, 0.3739, 0.3143

Monochromacy



Original Color

36.5613, 0.3717, 0.3118

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.1653, 0.3327, 0.3222

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5613, 0.3717, 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(213, 144, 158)` looks like.

```
.text, #text, p{  
    color:rgb(213, 144, 158)  
}
```

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(213, 144, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 144, 158) }
```

Border

The CSS property to change the border of an element to Yxy 36.5613, 0.3717, 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(213, 144, 158) }
```

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

```
.border{ border-color:rgb(213, 144, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 144, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 144, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 144, 158);  
box-shadow:4px 4px 4px 4px rgb(213, 144,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5613, 0.3717, 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(213, 144, 158) }
```

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

```
.background{ background-color: rgb(213,  
144, 158) }
```

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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