

Converting Colors

Yxy(36.5143, 0.3698, 0.3070)

Have a look what the booklet for
Yxy(36.5143, 0.3698, 0.3070)
contains.

Yxy(36.5143, 0.3698, 0.3070)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5143, 0.3698, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	D68FA1
RGB	214, 143, 161
RGB Percent	84%, 56%, 63%
CMY	0.1608, 0.4392, 0.3687
CMYK	0.00, 0.33, 0.25, 0.16
HSL	345°, 46%, 70%
HSV	345°, 33%, 84%
XYZ	43.9837, 36.5143, 38.4411
YIQ	166.2810, 36.5380, 20.6500

Conversions

Conversions Part 2

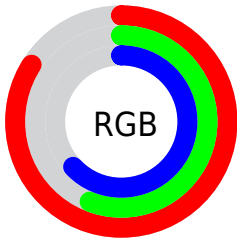
Format	Color
R _Y B	214, 143, 161
Decimal	14061473
CIE Lab	66.91, 29.37, 1.60
CIE LCh	67, 29.410, 3.111
Yxy	36.5143, 0.3698, 0.3070
Android (android.graphics.Color)	4292251553 (0xFFD68FA1)
YUV	166.2810, -2.6035, 41.8496
Hunter-Lab	60.4271, 24.1793, 4.5812

Details

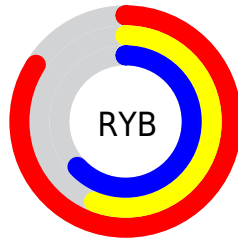
The Yxy color **36.5143, 0.3698, 0.3070** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.9149, 0.2760, 0.3525**, and the grayscale version is **38.2765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1504, 0.3446, 0.3097**, and **16.0492, 0.3874, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **30.1635, 0.3958, 0.3003**, and if you desaturate by 10%, it is **44.1661, 0.3483, 0.3139**.

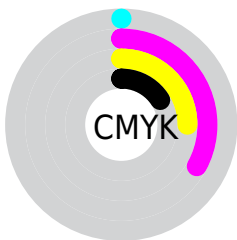
Distribution



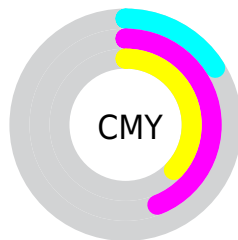
- Red (84%)
- Green (56%)
- Blue (63%)



- Red (84%)
- Yellow (56%)
- Blue (63%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (16%)





- Cyan (16%)
- Magenta (44%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5143, 0.3698, 0.3070 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 36.5143, 0.3698, 0.3070 by changing the saturation by 10% instead.


 36.5143, 0.3698,
0.3070


 36.5143, 0.3698,
0.3070


331.2029, 0.3400,
0.3186

 24.8317, 0.3776,
0.3039


 69.8251, 0.3587,
0.3114

 15.9517, 0.3879,
0.2998


 92.2221, 0.3546,
0.3130

 9.4900, 0.4021,
0.2942


118.9594, 0.3512,
0.3143

 5.0621, 0.4227,
0.2858

150.4212, 0.3483,
0.3154

 2.2838, 0.4553,
0.2724

186.9921, 0.3458,
0.3164

 0.7651, 0.5182,
0.2479

229.0564, 0.3436,

 0.0000, 1.0000,

0.3172

0.0000

276.9986, 0.3417,
0.3179

0.0000, 0.0000,
0.0000

36.5143, 0.3698,
0.3070

36.5143, 0.3698,
0.3070

30.1635, 0.3958,
0.3003

44.1661, 0.3483,
0.3139

25.0358, 0.4267,
0.2945

53.1805, 0.3308,
0.3207

21.0533, 0.4621,
0.2905

63.6216, 0.3166,
0.3271

18.1265, 0.5006,
0.2892

75.5479, 0.3051,
0.3330

16.1528, 0.5393,
0.2918

89.0145, 0.2957,
0.3385

■ 15.0084, 0.5741,
0.2987

■ 93.0346, 0.2883,
0.3289

■ 14.5627, 0.5943,
0.3047

Harmonies

Analogous

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



36.5143, 0.3268, 0.2780



36.5143, 0.3698, 0.3070



36.5143, 0.3972, 0.3422

Triad

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



36.5143, 0.3698, 0.3070



36.5143, 0.3386, 0.4089



36.5143, 0.2322, 0.2737

Complementary

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



36.5143, 0.3698, 0.3070



57.9149, 0.2760, 0.3525

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.



36.5143, 0.2349, 0.3062



36.5143, 0.3698, 0.3070



36.5143, 0.2944, 0.3893

Square

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



36.5143, 0.3698, 0.3070



36.5143, 0.3775, 0.4026



36.5143, 0.2569, 0.3496



36.5143, 0.2489, 0.2584

Rectangle

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



36.5143, 0.3698, 0.3070



36.5143, 0.4019, 0.3659



36.5143, 0.2569, 0.3496



36.5143, 0.2309, 0.2828

Sweetspot

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



36.5160, 0.3698, 0.3070



83.6294, 0.3262, 0.3227



36.1137, 0.2989, 0.2426



17.4457, 0.3283, 0.3218



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.



36.5160, 0.3698, 0.3070



47.2902, 0.3881, 0.3021



41.2723, 0.3828, 0.3497



12.4719, 0.3252, 0.3231



8.8175, 0.5906, 0.3027



0.5453, 0.5407, 0.2752

Inverse Universe

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



36.5160, 0.3698, 0.3070



47.2902, 0.3881, 0.3021



50.8226, 0.2631, 0.3071



12.4719, 0.3252, 0.3231



8.8175, 0.5906, 0.3027



0.5453, 0.5407, 0.2752

Previews

White Background



This preview shows how the Yxy color 36.5143, 0.3698, 0.3070 looks on a white background.

Color Contrast Check

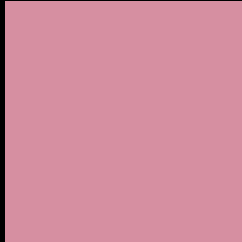
Large Text (above 18pt) WCAG AA × Fail

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 36.5143, 0.3698, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

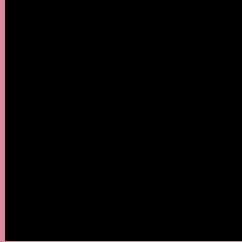
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5143, 0.3698, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 36.5143, 0.3698, 0.3070.



This preview shows how white text looks on a background with the Yxy color 36.5143, 0.3698, 0.3070.

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

36.5143, 0.3698, 0.3070

Protanopia

36.6057, 0.3050, 0.3147

Deuteranopia

36.7461, 0.3354, 0.3291



Tritanopia

36.4592, 0.3750, 0.3155

Trichromacy



Original Color

36.5143, 0.3698, 0.3070

Protanomaly

36.2149, 0.3274, 0.3113

Deuteranomaly

36.6231, 0.3476, 0.3211

Tritanomaly

36.5270, 0.3728, 0.3130

Monochromacy



Original Color

36.5143, 0.3698, 0.3070

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.2013, 0.3317, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5143, 0.3698, 0.3070 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(214, 143, 161)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 161)  
}
```

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(214, 143, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 161) }
```

Border

The CSS property to change the border of an element to Yxy 36.5143, 0.3698, 0.3070 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(214, 143, 161) }
```

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

```
.border{ border-color:rgb(214, 143, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 143, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 161);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5143, 0.3698, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 143, 161) }
```

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

```
.background{ background-color: rgb(214,  
143, 161) }
```

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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