

Converting Colors

Yxy(36.5714, 0.3670, 0.3030)

Have a look what the booklet for
Yxy(36.5714, 0.3670, 0.3030)
contains.

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Color

Yxy(36.6214, 0.3665, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	D68FA4
RGB	214, 143, 164
RGB Percent	84%, 56%, 64%
CMY	0.1609, 0.4392, 0.3568
CMYK	0.00, 0.33, 0.23, 0.16
HSL	342°, 46%, 70%
HSV	342°, 33%, 84%
XYZ	44.2524, 36.6214, 39.8694
YIQ	166.6230, 35.5750, 21.5830

Conversions

Conversions Part 2

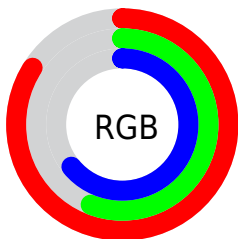
Format	Color
R _Y B	214, 143, 164
Decimal	14061476
CIE Lab	66.99, 29.80, 0.01
CIE LCh	67, 29.803, 0.012
Yxy	36.6214, 0.3665, 0.3033
Android (android.graphics.Color)	4292251556 (0xFFD68FA4)
YUV	166.6230, -1.2931, 41.5496
Hunter-Lab	60.5156, 24.6267, 3.2990

Details

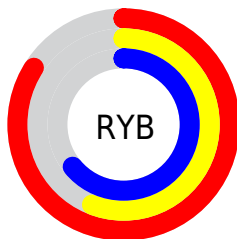
The Yxy color **36.6214, 0.3665, 0.3033** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7732, 0.2778, 0.3567**, and the grayscale version is **38.4456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3070, 0.3422, 0.3067**, and **16.0932, 0.3841, 0.2965** is the 20% darker color. If you saturate the color by 10%, you get **30.2865, 0.3908, 0.2955**, and if you desaturate by 10%, it is **44.2495, 0.3464, 0.3114**.

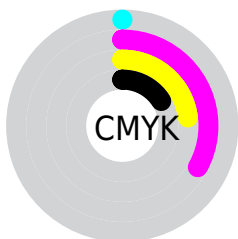
Distribution



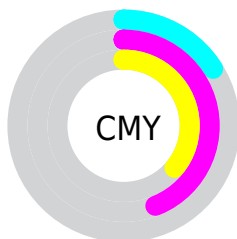
- Red (84%)
- Green (56%)
- Blue (64%)



- Red (84%)
- Yellow (56%)
- Blue (64%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (44%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.6214, 0.3665, 0.3033 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 36.6214, 0.3665, 0.3033 by changing the saturation by 10% instead.


 36.6214, 0.3665,
0.3033


 36.6214, 0.3665,
0.3033


331.6685, 0.3385,
0.3167

 24.9145, 0.3738,
0.2998


 69.9901, 0.3561,
0.3083

 16.0134, 0.3835,
0.2952


 92.4207, 0.3522,
0.3101

 9.5336, 0.3967,
0.2889


119.1947, 0.3490,
0.3117

 5.0908, 0.4158,
0.2797

150.6963, 0.3463,
0.3130

 2.3007, 0.4461,
0.2652

187.3102, 0.3440,
0.3141

 0.7741, 0.5019,
0.2385

229.4206, 0.3419,

 0.0000, 1.0000,

0.3151

0.0000

277.4119, 0.3401,
0.3159

0.0000, 0.0000,
0.0000

36.6214, 0.3665,
0.3033

36.6214, 0.3665,
0.3033

30.2865, 0.3908,
0.2955

44.2495, 0.3464,
0.3114

25.1676, 0.4197,
0.2886

53.2322, 0.3299,
0.3193

21.1870, 0.4527,
0.2835

63.6331, 0.3164,
0.3267

18.2561, 0.4888,
0.2815

75.5102, 0.3055,
0.3337

16.2728, 0.5256,
0.2837

88.9182, 0.2966,
0.3401

■ 15.1141, 0.5596,
0.2905

■ 92.9947, 0.2886,
0.3295

■ 14.6562, 0.5800,
0.2969

■ 93.0333, 0.2883,
0.3289

Harmonies

Analogous

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



36.6214, 0.3221, 0.2750



36.6214, 0.3665, 0.3033



36.6214, 0.3965, 0.3385

Triad

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



36.6214, 0.3665, 0.3033



36.6214, 0.3434, 0.4105



36.6214, 0.2306, 0.2757

Complementary

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



36.6214, 0.3665, 0.3033



57.7732, 0.2778, 0.3567

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.



36.6214, 0.2354, 0.3101



36.6214, 0.3665, 0.3033



36.6214, 0.2986, 0.3934

Square

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



36.6214, 0.3665, 0.3033



36.6214, 0.3816, 0.4015



36.6214, 0.2595, 0.3545



36.6214, 0.2455, 0.2583

Rectangle

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



36.6214, 0.3665, 0.3033



36.6214, 0.4030, 0.3626



36.6214, 0.2595, 0.3545



36.6214, 0.2300, 0.2854

Sweetspot

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



36.6231, 0.3665, 0.3033



83.6931, 0.3254, 0.3216



35.7995, 0.2967, 0.2421



17.4611, 0.3275, 0.3205



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.



36.6231, 0.3665, 0.3033



47.4697, 0.3837, 0.2976



40.4606, 0.3838, 0.3468



12.4807, 0.3245, 0.3221



8.8765, 0.5762, 0.2948



0.5498, 0.5264, 0.2673

Inverse Universe

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



36.6231, 0.3665, 0.3033



47.4697, 0.3837, 0.2976



51.9049, 0.2635, 0.3103



12.4807, 0.3245, 0.3221



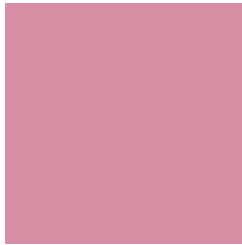
8.8765, 0.5762, 0.2948



0.5498, 0.5264, 0.2673

Previews

White Background



This preview shows how the Yxy color 36.6214, 0.3665, 0.3033 looks on a white background.

Color Contrast Check

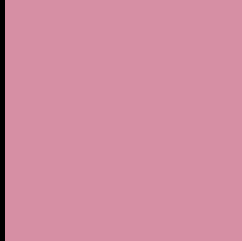
Large Text (above 18pt) WCAG AA × Fail

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 36.6214, 0.3665, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

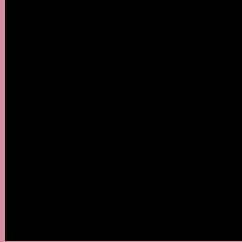
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.6214, 0.3665, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 36.6214, 0.3665, 0.3033.



This preview shows how white text looks on a background with the Yxy color 36.6214, 0.3665, 0.3033.

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

36.6214, 0.3665, 0.3033

Protanopia

36.7618, 0.3016, 0.3092

Deuteranopia

36.7302, 0.3316, 0.3249



Tritanopia

36.4592, 0.3750, 0.3155

Trichromacy



Original Color

36.6214, 0.3665, 0.3033

Protanomaly

36.3663, 0.3236, 0.3060

Deuteranomaly

36.5976, 0.3436, 0.3171

Tritanomaly

36.5613, 0.3717, 0.3118

Monochromacy



Original Color

36.6214, 0.3665, 0.3033

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

37.3972, 0.3308, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.6214, 0.3665, 0.3033 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(214, 143, 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(214, 143, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 143, 164) }
```

Border

The CSS property to change the border of an element to Yxy 36.6214, 0.3665, 0.3033 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, 164) }
```

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

```
.border{ border-color:rgb(214, 143, 164) }
```

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, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 143, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 143, 164);  
box-shadow:4px 4px 4px 4px rgb(214, 143,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 36.6214, 0.3665, 0.3033 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, 164) }
```

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

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