

Converting Colors

$Yxy(38.6024, 0.3346, 0.2826)$

Have a look what the booklet for
Yxy(38.6024, 0.3346, 0.2826)
contains.

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Color

Yxy(38.6659, 0.3345, 0.2836)

Conversions

Conversions Part 1

Format	Color
Hex	CF96BB
RGB	207, 150, 187
RGB Percent	81%, 59%, 73%
CMY	0.1883, 0.4117, 0.2667
CMYK	0.00, 0.28, 0.10, 0.19
HSL	321°, 37%, 70%
HSV	321°, 28%, 81%
XYZ	45.6056, 38.6659, 52.0681
YIQ	171.2610, 22.0950, 23.5910

Conversions

Conversions Part 2

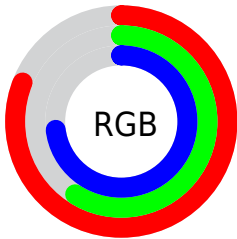
Format	Color
R _Y B	207, 150, 187
Decimal	13604539
CIE Lab	68.51, 27.18, -10.69
CIE LCh	69, 29.206, 338.520
Yxy	38.6659, 0.3345, 0.2836
Android (android.graphics.Color)	4291794619 (0xFFCF96BB)
YUV	171.2610, 7.7593, 31.3431
Hunter-Lab	62.1819, 22.0975, -6.1192

Details

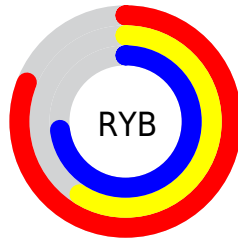
The Yxy color **38.6659, 0.3345, 0.2836** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0097, 0.2960, 0.3793**, and the grayscale version is **40.8153, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3937, 0.3234, 0.2914**, and **17.1320, 0.3406, 0.2699** is the 20% darker color. If you saturate the color by 10%, you get **32.3309, 0.3451, 0.2667**, and if you desaturate by 10%, it is **46.1869, 0.3254, 0.3006**.

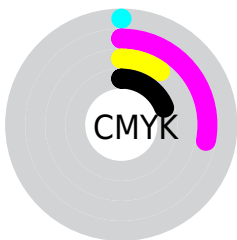
Distribution



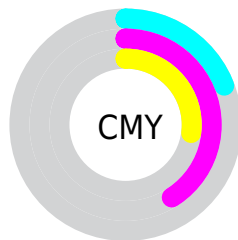
- Red (81%)
- Green (59%)
- Blue (73%)



- Red (81%)
- Yellow (59%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (10%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.6659, 0.3345, 0.2836 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 38.6659, 0.3345, 0.2836 by changing the saturation by 10% instead.


 38.6659, 0.3345,
0.2836


 38.6659, 0.3345,
0.2836

340.4679, 0.3237,
0.3062

 26.4999, 0.3372,
0.2780


 73.1276, 0.3306,
0.2918

 17.1980, 0.3406,
0.2709


 96.1922, 0.3291,
0.2948

 10.3758, 0.3451,
0.2615


123.6584, 0.3279,
0.2974

 5.6488, 0.3514,
0.2485

155.9107, 0.3268,
0.2997

 2.6327, 0.3606,
0.2293

193.3333, 0.3259,
0.3016

 0.9431, 0.3754,
0.1988

236.3108, 0.3250,


 0.0000, 0.4714,

0.3033


0.0000


285.2276, 0.3243,
0.3048


 0.0000, 0.0000,
0.0000


 38.6659, 0.3345,
0.2836


 38.6659, 0.3345,
0.2836


 32.3309, 0.3451,
0.2667

 46.1869, 0.3254,
0.3006


 27.1151, 0.3571,
0.2506


 54.9460, 0.3177,
0.3171


 22.9531, 0.3706,
0.2361

 64.9980, 0.3112,
0.3328

 19.7702, 0.3853,
0.2246

 76.3935, 0.3058,
0.3475

 17.4822, 0.4007,
0.2170

 89.1798, 0.3013,
0.3612

■ 15.9902, 0.4163,
0.2142

■ 90.5304, 0.2973,
0.3548

■ 15.1568, 0.4316,
0.2163

■ 90.9486, 0.2934,
0.3470

■ 14.9950, 0.4354,
0.2172

■ 91.3840, 0.2895,
0.3392

■ 91.8368, 0.2857,
0.3316

Harmonies

Analogous

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



38.6659, 0.2906, 0.2642



38.6659, 0.3345, 0.2836



38.6659, 0.3746, 0.3135

Triad

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



38.6659, 0.3345, 0.2836



38.6659, 0.3700, 0.4035



38.6659, 0.2349, 0.3001

Complementary

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



38.6659, 0.3345, 0.2836



54.0097, 0.2960, 0.3793

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.



38.6659, 0.2531, 0.3412



38.6659, 0.3345, 0.2836



38.6659, 0.3303, 0.4052

Square

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



38.6659, 0.3345, 0.2836



38.6659, 0.3953, 0.3813



38.6659, 0.2875, 0.3818



38.6659, 0.2357, 0.2711

Rectangle

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



38.6659, 0.3345, 0.2836



38.6659, 0.3924, 0.3366



38.6659, 0.2875, 0.3818



38.6659, 0.2389, 0.3129

Sweetspot

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



38.6676, 0.3345, 0.2836



87.2152, 0.3181, 0.3162



34.8613, 0.2821, 0.2539



18.1857, 0.3192, 0.3137



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.



38.6676, 0.3345, 0.2836



55.7907, 0.3405, 0.2736



37.5680, 0.3631, 0.3183



11.9356, 0.3191, 0.3140



9.4668, 0.4333, 0.2161



0.5441, 0.4075, 0.2019

Inverse Universe

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



38.6676, 0.3345, 0.2836



55.7907, 0.3405, 0.2736



55.2049, 0.2781, 0.3401



11.9356, 0.3191, 0.3140



9.4668, 0.4333, 0.2161



0.5441, 0.4075, 0.2019

Previews

White Background



This preview shows how the Yxy color 38.6659, 0.3345, 0.2836 looks on a white background.

Color Contrast Check

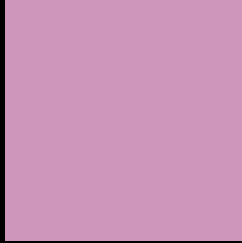
Large Text (above 18pt) WCAG AA × Fail

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 38.6659, 0.3345, 0.2836 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 38.6659, 0.3345, 0.2836

Background



This preview shows how black text looks on a background with the Yxy color 38.6659, 0.3345, 0.2836.



This preview shows how white text looks on a background with the Yxy color 38.6659, 0.3345, 0.2836.

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

38.6659, 0.3345, 0.2836

Protanopia

38.8807, 0.2833, 0.2867

Deuteranopia

38.9273, 0.3058, 0.2994



Tritanopia

38.7017, 0.3515, 0.3139

Trichromacy



Original Color

38.6659, 0.3345, 0.2836

Protanomaly

38.4568, 0.3010, 0.2854

Deuteranomaly

38.5637, 0.3154, 0.2925

Tritanomaly

38.8176, 0.3447, 0.3027

Monochromacy



Original Color

38.6659, 0.3345, 0.2836

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.5591, 0.3202, 0.3104

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.6659, 0.3345, 0.2836 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(207, 150, 187)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 187)  
}
```

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(207, 150, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 187) }
```

Border

The CSS property to change the border of an element to Yxy 38.6659, 0.3345, 0.2836 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(207, 150, 187) }
```

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

```
.border{ border-color:rgb(207, 150, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 150, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 187);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 38.6659, 0.3345, 0.2836 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 150, 187) }
```

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

```
.background{ background-color: rgb(207,  
150, 187) }
```

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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