

Converting Colors

$Yxy(38.4727, 0.3427, 0.2965)$

Have a look what the booklet for
Yxy(38.4727, 0.3427, 0.2965)
contains.

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Color

Yxy(38.4294, 0.3431, 0.2966)

Conversions

Conversions Part 1

Format	Color
Hex	CE97B1
RGB	206, 151, 177
RGB Percent	81%, 59%, 69%
CMY	0.1922, 0.4078, 0.3058
CMYK	0.00, 0.27, 0.14, 0.19
HSL	332°, 36%, 70%
HSV	332°, 27%, 81%
XYZ	44.4542, 38.4294, 46.6828
YIQ	170.4090, 24.4340, 19.7460

Conversions

Conversions Part 2

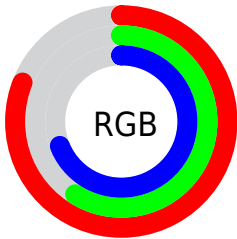
Format	Color
R _Y B	206, 151, 177
Decimal	13539249
CIE Lab	68.34, 24.60, -5.40
CIE LCh	68, 25.186, 347.613
Yxy	38.4294, 0.3431, 0.2966
Android (android.graphics.Color)	4291729329 (0xFFCE97B1)
YUV	170.4090, 3.2494, 31.2133
Hunter-Lab	61.9915, 19.5178, -1.2544

Details

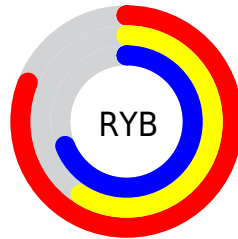
The Yxy color **38.4294, 0.3431, 0.2966** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.0083, 0.2902, 0.3640**, and the grayscale version is **40.3887, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2858, 0.3305, 0.3020**, and **17.1489, 0.3529, 0.2888** is the 20% darker color. If you saturate the color by 10%, you get **31.9540, 0.3589, 0.2839**, and if you desaturate by 10%, it is **46.1010, 0.3299, 0.3092**.

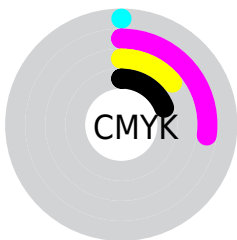
Distribution



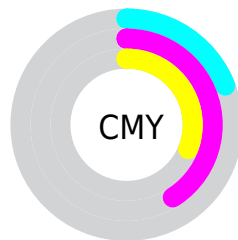
- Red (81%)
- Green (59%)
- Blue (69%)



- Red (81%)
- Yellow (59%)
- Blue (69%)



- Cyan (0%)
- Magenta (27%)
- Yellow (14%)
- Black (19%)





- Cyan (19%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4294, 0.3431, 0.2966 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 38.4294, 0.3431, 0.2966 by changing the saturation by 10% instead.


 38.4294, 0.3431,
0.2966


 38.4294, 0.3431,
0.2966

339.4584, 0.3276,
0.3129

 26.3161, 0.3471,
0.2925


 72.7658, 0.3374,
0.3026

 17.0603, 0.3522,
0.2872


 95.7578, 0.3353,
0.3048

 10.2775, 0.3592,
0.2800


123.1447, 0.3335,
0.3067

 5.5833, 0.3691,
0.2700

155.3111, 0.3320,
0.3083

 2.5934, 0.3843,
0.2549

192.6412, 0.3307,
0.3097

 0.9234, 0.4107,
0.2297

235.5196, 0.3295,

 0.0000, 0.7060,

0.3109

0.0000

284.3305, 0.3285,
0.3120

0.0000, 0.0000,
0.0000

38.4294, 0.3431,
0.2966

38.4294, 0.3431,
0.2966

31.9540, 0.3589,
0.2839

46.1010, 0.3299,
0.3092

26.6085, 0.3774,
0.2718

55.0202, 0.3190,
0.3213

22.3282, 0.3988,
0.2611

65.2417, 0.3099,
0.3327

19.0394, 0.4228,
0.2529

76.8155, 0.3025,
0.3433

16.6592, 0.4486,
0.2486

89.7889, 0.2963,
0.3531

■ 15.0908, 0.4750,
0.2492

■ 91.0576, 0.2905,
0.3424

■ 14.2085, 0.5006,
0.2551

■ 91.7296, 0.2848,
0.3310

■ 13.9914, 0.5089,
0.2577

■ 91.8593, 0.2838,
0.3289

Harmonies

Analogous

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



38.4294, 0.3049, 0.2762



38.4294, 0.3431, 0.2966



38.4294, 0.3741, 0.3249

Triad

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



38.4294, 0.3431, 0.2966



38.4294, 0.3532, 0.3959



38.4294, 0.2432, 0.2953

Complementary

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



38.4294, 0.3431, 0.2966



54.0083, 0.2902, 0.3640

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.



38.4294, 0.2544, 0.3286



38.4294, 0.3431, 0.2966



38.4294, 0.3169, 0.3903

Square

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



38.4294, 0.3431, 0.2966



38.4294, 0.3795, 0.3820



38.4294, 0.2809, 0.3647



38.4294, 0.2490, 0.2741

Rectangle

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



38.4294, 0.3431, 0.2966



38.4294, 0.3855, 0.3455



38.4294, 0.2809, 0.3647



38.4294, 0.2451, 0.3054

Sweetspot

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



38.4311, 0.3431, 0.2966



86.9950, 0.3204, 0.3196



36.2248, 0.2914, 0.2581



18.1302, 0.3220, 0.3178



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.



38.4311, 0.3431, 0.2966



56.0552, 0.3518, 0.2893



37.7866, 0.3694, 0.3303



11.3006, 0.3217, 0.3181



8.6364, 0.5055, 0.2558



0.4608, 0.4601, 0.2308

Inverse Universe

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



38.4311, 0.3431, 0.2966



56.0552, 0.3518, 0.2893



54.7299, 0.2739, 0.3277



11.3006, 0.3217, 0.3181



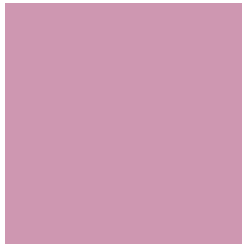
8.6364, 0.5055, 0.2558



0.4608, 0.4601, 0.2308

Previews

White Background



This preview shows how the Yxy color 38.4294, 0.3431, 0.2966 looks on a white background.

Color Contrast Check

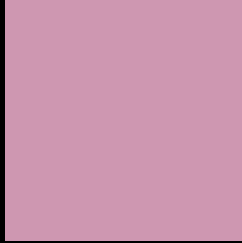
Large Text (above 18pt) WCAG AA × Fail

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 38.4294, 0.3431, 0.2966 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

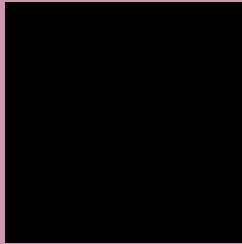
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4294, 0.3431, 0.2966

Background



This preview shows how black text looks on a background with the Yxy color 38.4294, 0.3431, 0.2966.



This preview shows how white text looks on a background with the Yxy color 38.4294, 0.3431, 0.2966.

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

38.4294, 0.3431, 0.2966

Protanopia

38.7101, 0.2943, 0.3014

Deuteranopia

38.5195, 0.3173, 0.3114



Tritanopia

38.4782, 0.3537, 0.3139

Trichromacy



Original Color

38.4294, 0.3431, 0.2966

Protanomaly

38.4923, 0.3104, 0.2995

Deuteranomaly

38.4071, 0.3264, 0.3053

Tritanomaly

38.3002, 0.3499, 0.3076

Monochromacy



Original Color

38.4294, 0.3431, 0.2966

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.2788, 0.3228, 0.3156

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4294, 0.3431, 0.2966 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(206, 151, 177)` looks like.

```
.text, #text, p{  
    color:rgb(206, 151, 177)  
}
```

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(206, 151, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 151, 177) }
```

Border

The CSS property to change the border of an element to Yxy 38.4294, 0.3431, 0.2966 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(206, 151, 177) }
```

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

```
.border{ border-color:rgb(206, 151, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 151, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 151, 177); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 151, 177); box-shadow:4px 4px 4px 4px rgb(206, 151, 177) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4294, 0.3431, 0.2966 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 151, 177) }
```

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

```
.background{ background-color: rgb(206,  
151, 177) }
```

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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