

Converting Colors

$Y_{xy}(38.1908, 0.3416, 0.2918)$

Have a look what the booklet for
Yxy(38.1908, 0.3416, 0.2918)
contains.

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Color

Yxy(38.3734, 0.3413, 0.2919)

Conversions

Conversions Part 1

Format	Color
Hex	CF96B4
RGB	207, 150, 180
RGB Percent	81%, 59%, 71%
CMY	0.1884, 0.4117, 0.2941
CMYK	0.00, 0.28, 0.13, 0.19
HSL	328°, 37%, 70%
HSV	328°, 28%, 81%
XYZ	44.8676, 38.3734, 48.2198
YIQ	170.4630, 24.3420, 21.4140

Conversions

Conversions Part 2

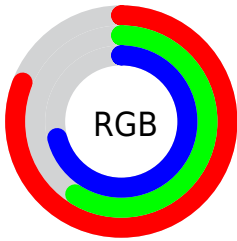
Format	Color
R_{YB}	207, 150, 180
Decimal	13604532
CIE _{Lab}	68.29, 25.98, -7.11
CIE _{LCh}	68, 26.931, 344.690
Yxy	38.3734, 0.3413, 0.2919
Android (android.graphics.Color)	4291794612 (0xFFCF96B4)
YUV	170.4630, 4.7017, 32.0429
Hunter-Lab	61.9463, 20.8812, -2.7898

Details

The Yxy color **38.3734, 0.3413, 0.2919** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.2656, 0.2915, 0.3694**, and the grayscale version is **40.4087, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.9788, 0.3284, 0.2981**, and **17.1314, 0.3503, 0.2825** is the 20% darker color. If you saturate the color by 10%, you get **31.9564, 0.3556, 0.2779**, and if you desaturate by 10%, it is **45.9886, 0.3292, 0.3059**.

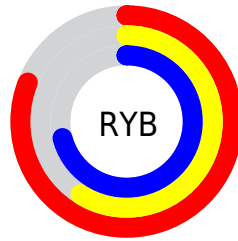
Distribution



Red (81%)

Green (59%)

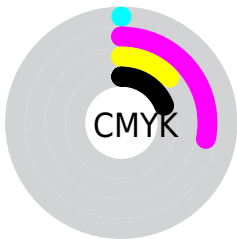
Blue (71%)



Red (81%)

Yellow (59%)

Blue (71%)

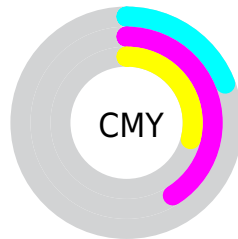


Cyan (0%)

Magenta (28%)

Yellow (13%)

Black (19%)



Cyan (19%)


Magenta (41%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3734, 0.3413, 0.2919 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 38.3734, 0.3413, 0.2919 by changing the saturation by 10% instead.


 38.3734, 0.3413,
0.2919


 38.3734, 0.3413,
0.2919


339.2191, 0.3268,
0.3105

 26.2726, 0.3450,
0.2872


 72.6801, 0.3360,
0.2987

 17.0277, 0.3497,
0.2812


 95.6548, 0.3340,
0.3012

 10.2542, 0.3561,
0.2733


123.0230, 0.3323,
0.3034

 5.5679, 0.3652,
0.2621

155.1689, 0.3309,
0.3052

 2.5841, 0.3790,
0.2454

192.4772, 0.3297,
0.3068

 0.9187, 0.4025,
0.2178

235.3320, 0.3286,


 0.0000, 0.6093,


0.3082

0.0000


284.1178, 0.3277,
0.3094


 0.0000, 0.0000,
0.0000


 38.3734, 0.3413,
0.2919


 38.3734, 0.3413,
0.2919


 31.9564, 0.3556,
0.2779


 45.9886, 0.3292,
0.3059


 26.6705, 0.3723,
0.2646


 54.8543, 0.3191,
0.3193

 22.4498, 0.3914,
0.2528

 65.0257, 0.3108,
0.3321

 19.2194, 0.4125,
0.2437

 76.5536, 0.3038,
0.3440

 16.8948, 0.4351,
0.2386

 89.4857, 0.2981,
0.3550

■ 15.3767, 0.4582,
0.2384

■ 90.9997, 0.2928,
0.3459

■ 14.5276, 0.4807,
0.2436

■ 91.5941, 0.2877,
0.3356

■ 14.3625, 0.4863,
0.2452

■ 91.9994, 0.2843,
0.3289

Harmonies

Analogous

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



38.3734, 0.3004, 0.2713



38.3734, 0.3413, 0.2919



38.3734, 0.3759, 0.3213

Triad

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



38.3734, 0.3413, 0.2919



38.3734, 0.3592, 0.4000



38.3734, 0.2390, 0.2958

Complementary

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



38.3734, 0.3413, 0.2919



54.2656, 0.2915, 0.3694

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.



38.3734, 0.2526, 0.3322



38.3734, 0.3413, 0.2919



38.3734, 0.3209, 0.3965

Square

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



38.3734, 0.3413, 0.2919



38.3734, 0.3859, 0.3831



38.3734, 0.2821, 0.3707



38.3734, 0.2435, 0.2718

Rectangle

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



38.3734, 0.3413, 0.2919



38.3734, 0.3895, 0.3431



38.3734, 0.2821, 0.3707



38.3734, 0.2416, 0.3069

Sweetspot

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



38.3751, 0.3413, 0.2919



87.0612, 0.3197, 0.3186



35.6230, 0.2880, 0.2552



18.1469, 0.3211, 0.3166



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.



38.3751, 0.3413, 0.2919



55.2432, 0.3494, 0.2836



37.3444, 0.3700, 0.3268



11.9107, 0.3209, 0.3168



9.0724, 0.4834, 0.2436



0.5233, 0.4456, 0.2228

Inverse Universe

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



38.3751, 0.3413, 0.2919



55.2432, 0.3494, 0.2836



55.5026, 0.2741, 0.3314



11.9107, 0.3209, 0.3168



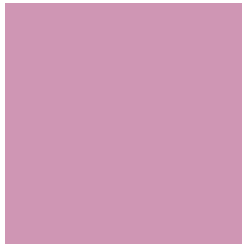
9.0724, 0.4834, 0.2436



0.5233, 0.4456, 0.2228

Previews

White Background



This preview shows how the Yxy color 38.3734, 0.3413, 0.2919 looks on a white background.

Color Contrast Check

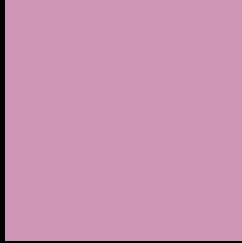
Large Text (above 18pt) WCAG AA × Fail

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 38.3734, 0.3413, 0.2919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

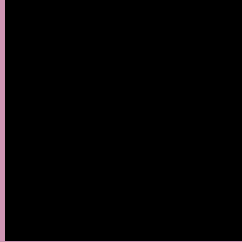
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3734, 0.3413, 0.2919

Background



This preview shows how black text looks on a background with the Yxy color 38.3734, 0.3413, 0.2919.



This preview shows how white text looks on a background with the Yxy color 38.3734, 0.3413, 0.2919.

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

38.3734, 0.3413, 0.2919

Protanopia

38.7767, 0.2903, 0.2960

Deuteranopia

38.5200, 0.3137, 0.3074



Tritanopia

38.4419, 0.3547, 0.3152

Trichromacy



Original Color

38.3734, 0.3413, 0.2919

Protanomaly

38.2705, 0.3078, 0.2943

Deuteranomaly

38.5272, 0.3236, 0.3015

Tritanomaly

38.4806, 0.3499, 0.3065

Monochromacy



Original Color

38.3734, 0.3413, 0.2919

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3177, 0.3219, 0.3143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3734, 0.3413, 0.2919 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(207, 150, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 150, 180) }
```

Border

The CSS property to change the border of an element to Yxy 38.3734, 0.3413, 0.2919 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, 180) }
```

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

```
.border{ border-color:rgb(207, 150, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 150, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 150, 180);  
box-shadow:4px 4px 4px 4px rgb(207, 150,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3734, 0.3413, 0.2919 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, 180) }
```

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

```
.background{ background-color: rgb(207,  
150, 180) }
```

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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