

Converting Colors

$Yxy(38.4927, 0.3052, 0.2783)$

Have a look what the booklet for
Yxy(38.4927, 0.3052, 0.2783)
contains.

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Color

Yxy(38.5386, 0.3058, 0.2788)

Conversions

Conversions Part 1

Format	Color
Hex	BA9DC4
RGB	186, 157, 196
RGB Percent	73%, 62%, 77%
CMY	0.2705, 0.3843, 0.2315
CMYK	0.05, 0.20, 0.00, 0.23
HSL	285°, 25%, 69%
HSV	285°, 20%, 77%
XYZ	42.2708, 38.5386, 57.4209
YIQ	170.1170, 4.7650, 18.2770

Conversions

Conversions Part 2

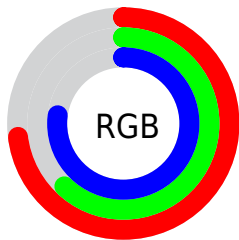
Format	Color
RYB	186, 157, 196
Decimal	12230084
CIELab	68.42, 17.79, -16.04
CIELCh	68, 23.957, 317.967
Yxy	38.5386, 0.3058, 0.2788
Android (android.graphics.Color)	4290420164 (0xFFBA9DC4)
YUV	170.1170, 12.7603, 13.9294
Hunter-Lab	62.0795, 12.9042, -11.3851

Details

The Yxy color **38.5386, 0.3058, 0.2788** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **50.1153, 0.3181, 0.3819**, and the grayscale version is **40.1944, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.0561, 0.3068, 0.2878**, and **17.2476, 0.3040, 0.2660** is the 20% darker color. If you saturate the color by 10%, you get **31.8156, 0.3013, 0.2521**, and if you desaturate by 10%, it is **46.3505, 0.3096, 0.3047**.

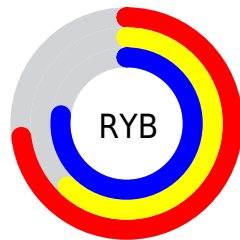
Distribution



Red (73%)

Green (62%)

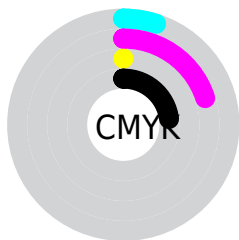
Blue (77%)



Red (73%)

Yellow (62%)

Blue (77%)

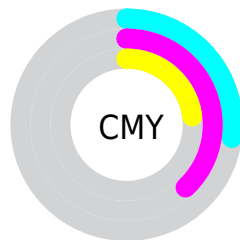


Cyan (5%)

Magenta (20%)

Yellow (0%)

Black (23%)



Cyan (27%)


Magenta (38%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.5386, 0.3058, 0.2788 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 38.5386, 0.3058, 0.2788 by changing the saturation by 10% instead.


 38.5386, 0.3058,
0.2788

 38.5386, 0.3058,
0.2788


339.9248, 0.3097,
0.3038

 26.4010, 0.3047,
0.2726


 72.9329, 0.3073,
0.2878

 17.1239, 0.3032,
0.2647


 95.9584, 0.3079,
0.2912

 10.3228, 0.3010,
0.2543

123.3820, 0.3083,
0.2941

 5.6135, 0.2978,
0.2400

155.5880, 0.3087,
0.2966

 2.6115, 0.2923,
0.2190

192.9609, 0.3090,
0.2987

 0.9325, 0.2819,
0.1856

235.8851, 0.3093,

 0.0000, 0.2234,

0.3006

0.0000

284.7449, 0.3095,
0.3023

0.0000, 0.0000,
0.0000

38.5386, 0.3058,
0.2788

38.5386, 0.3058,
0.2788

31.8156, 0.3013,
0.2521

46.3505, 0.3096,
0.3047

26.1258, 0.2961,
0.2254

55.2938, 0.3127,
0.3293

21.4158, 0.2903,
0.1997

65.4147, 0.3153,
0.3522

17.6254, 0.2840,
0.1759

76.7555, 0.3174,
0.3733

14.6879, 0.2772,
0.1553

89.3562, 0.3190,
0.3926

■ 12.5272, 0.2703,
0.1388

■ 90.1138, 0.3222,
0.3920

■ 11.0533, 0.2635,
0.1268

■ 90.8888, 0.3254,
0.3914

■ 10.0952, 0.2568,
0.1189

■ 91.6872, 0.3286,
0.3908

■ 10.0852, 0.2568,
0.1188

■ 92.5092, 0.3319,
0.3901

Harmonies

Analogous

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



38.5386, 0.2733, 0.2707



38.5386, 0.3058, 0.2788



38.5386, 0.3420, 0.2984

Triad

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



38.5386, 0.3058, 0.2788



38.5386, 0.3760, 0.3798



38.5386, 0.2570, 0.3283

Complementary

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



38.5386, 0.3058, 0.2788



50.1153, 0.3181, 0.3819

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.



38.5386, 0.2821, 0.3625



38.5386, 0.3058, 0.2788



38.5386, 0.3509, 0.3926

Square

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



38.5386, 0.3058, 0.2788



38.5386, 0.3839, 0.3548



38.5386, 0.3164, 0.3869



38.5386, 0.2464, 0.2968

Rectangle

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



38.5386, 0.3058, 0.2788



38.5386, 0.3630, 0.3160



38.5386, 0.3164, 0.3869



38.5386, 0.2640, 0.3400

Sweetspot

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



38.5402, 0.3058, 0.2788



89.8896, 0.3109, 0.3142



38.9354, 0.2809, 0.2896



19.0146, 0.3106, 0.3125



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.



38.5402, 0.3058, 0.2788



64.1278, 0.3039, 0.2669



39.4302, 0.3232, 0.2911



10.1138, 0.3098, 0.3060



6.5247, 0.2577, 0.1193



0.3132, 0.2724, 0.1274

Inverse Universe

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



38.6361, 0.3419, 0.3161



64.3800, 0.3503, 0.3130



49.3944, 0.3037, 0.3701



10.1192, 0.3250, 0.3231



7.7013, 0.5887, 0.3017



0.3444, 0.5231, 0.2656

Previews

White Background



This preview shows how the Yxy color 38.5386, 0.3058, 0.2788 looks on a white background.

Color Contrast Check

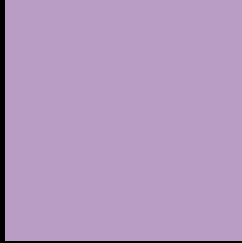
Large Text (above 18pt) WCAG AA × Fail

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 38.5386, 0.3058, 0.2788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

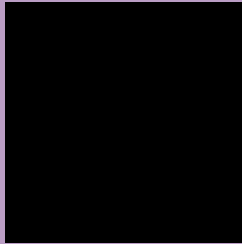
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.5386, 0.3058, 0.2788

Background



This preview shows how black text looks on a background with the Yxy color 38.5386, 0.3058, 0.2788.



This preview shows how white text looks on a background with the Yxy color 38.5386, 0.3058, 0.2788.

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

38.5386, 0.3058, 0.2788

Protanopia

38.5455, 0.2779, 0.2788

Deuteranopia

38.6806, 0.2923, 0.2861



Tritanopia

38.6130, 0.3221, 0.3116

Trichromacy



Original Color

38.5386, 0.3058, 0.2788

Protanomaly

38.4458, 0.2875, 0.2783

Deuteranomaly

38.6600, 0.2975, 0.2840

Tritanomaly

38.7094, 0.3160, 0.2999

Monochromacy



Original Color

38.5386, 0.3058, 0.2788

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3950, 0.3108, 0.3100

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5386, 0.3058, 0.2788 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(186, 157, 196)` looks like.

```
.text, #text, p{  
    color:rgb(186, 157, 196)  
}
```

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(186, 157, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 157, 196) }
```

Border

The CSS property to change the border of an element to Yxy 38.5386, 0.3058, 0.2788 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(186, 157, 196) }
```

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

```
.border{ border-color:rgb(186, 157, 196) }
```

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

Here you see how a box with a 4 pixel rgb(186, 157, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 157, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 157, 196);  
box-shadow:4px 4px 4px 4px rgb(186, 157,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5386, 0.3058, 0.2788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 157, 196) }
```

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

```
.background{ background-color: rgb(186,  
157, 196) }
```

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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