

Converting Colors

$Yxy(38.3132, 0.3135, 0.2923)$

Have a look what the booklet for
Yxy(38.3132, 0.3135, 0.2923)
contains.

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Color

Yxy(38.3132, 0.3135, 0.2923)

Conversions

Conversions Part 1

Format	Color
Hex	B99EBA
RGB	185, 158, 186
RGB Percent	73%, 62%, 73%
CMY	0.2746, 0.3803, 0.2707
CMYK	0.01, 0.15, 0.00, 0.27
HSL	298°, 17%, 67%
HSV	298°, 15%, 73%
XYZ	41.0920, 38.3132, 51.6697
YIQ	169.2650, 7.1040, 14.4320

Conversions

Conversions Part 2

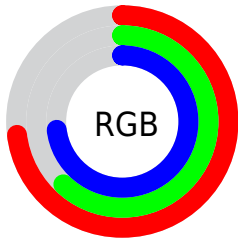
Format	Color
RYB	185, 158, 186
Decimal	12164794
CIELab	68.25, 14.92, -10.74
CIELCh	68, 18.386, 324.261
Yxy	38.3132, 0.3135, 0.2923
Android (android.graphics.Color)	4290354874 (0xFFB99EBA)
YUV	169.2650, 8.2504, 13.7996
Hunter-Lab	61.8977, 10.1799, -6.1646

Details

The Yxy color $38.3132, 0.3135, 0.2923$ is a light color, and the websafe version is hex $CC99CC$. A complement of this color would be $44.9484, 0.3117, 0.3684$, and the grayscale version is $39.7695, 0.3127, 0.3290$.

A 20% lighter version of the original color is $72.7001, 0.3134, 0.2994$, and $17.1144, 0.3136, 0.2824$ is the 20% darker color. If you saturate the color by 10%, you get $32.3605, 0.3139, 0.2673$, and if you desaturate by 10%, it is $45.2297, 0.3130, 0.3169$.

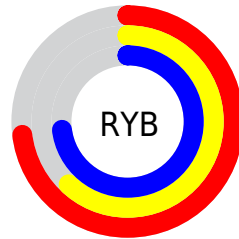
Distribution



Red (73%)

Green (62%)

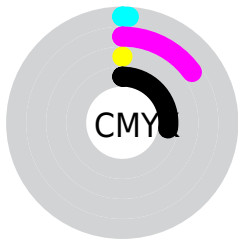
Blue (73%)



Red (73%)

Yellow (62%)

Blue (73%)

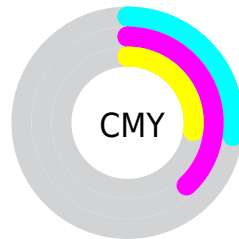


Cyan (1%)

Magenta (15%)

Yellow (0%)

Black (27%)



Cyan (27%)


Magenta (38%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3132, 0.3135, 0.2923 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 38.3132, 0.3135, 0.2923 by changing the saturation by 10% instead.


 38.3132, 0.3135,
0.2923


 38.3132, 0.3135,
0.2923


338.9616, 0.3133,
0.3107

 26.2259, 0.3135,
0.2877


 72.5879, 0.3135,
0.2990

 16.9927, 0.3134,
0.2817


 95.5441, 0.3135,
0.3015

 10.2293, 0.3133,
0.2738


122.8921, 0.3134,
0.3037

 5.5512, 0.3129,
0.2626

155.0161, 0.3134,
0.3055

 2.5742, 0.3120,
0.2459

192.3007, 0.3134,
0.3071

 0.9137, 0.3097,
0.2183

235.1302, 0.3134,

 0.0000, 0.2503,

0.3084

0.0000

283.8891, 0.3133,
0.3097

■ 0.0000, 0.0000,
0.0000

■ 38.3132, 0.3135,
0.2923

■ 38.3132, 0.3135,
0.2923

■ 32.3605, 0.3139,
0.2673

■ 45.2297, 0.3130,
0.3169

■ 27.3236, 0.3142,
0.2428

■ 53.1454, 0.3124,
0.3406

■ 23.1580, 0.3144,
0.2195

■ 62.0998, 0.3118,
0.3630

■ 19.8133, 0.3144,
0.1985

■ 72.1290, 0.3112,
0.3839

■ 17.2341, 0.3142,
0.1807

■ 83.2673, 0.3106,
0.4031

■ 15.3582, 0.3138,
0.1667

■ 85.8759, 0.3108,
0.4069

■ 14.1134, 0.3132,
0.1569

■ 85.9605, 0.3112,
0.4068

■ 13.4120, 0.3125,
0.1512

■ 86.0455, 0.3116,
0.4068

■ 13.1724, 0.3121,
0.1493

■ 86.1308, 0.3120,
0.4067

Harmonies

Analogous

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



38.3132, 0.2871, 0.2839



38.3132, 0.3135, 0.2923



38.3132, 0.3408, 0.3094

Triad

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



38.3132, 0.3135, 0.2923



38.3132, 0.3585, 0.3715



38.3132, 0.2667, 0.3234

Complementary

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



38.3132, 0.3135, 0.2923



44.9484, 0.3117, 0.3684

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.



38.3132, 0.2844, 0.3494



38.3132, 0.3135, 0.2923



38.3132, 0.3372, 0.3779

Square

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



38.3132, 0.3135, 0.2923



38.3132, 0.3673, 0.3541



38.3132, 0.3101, 0.3700



38.3132, 0.2609, 0.3004

Rectangle

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



38.3132, 0.3135, 0.2923



38.3132, 0.3554, 0.3239



38.3132, 0.3101, 0.3700



38.3132, 0.2714, 0.3321

Sweetspot

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



38.3149, 0.3135, 0.2923



81.9414, 0.3130, 0.3168



35.7530, 0.2889, 0.2915



17.8371, 0.3130, 0.3151



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



38.3149, 0.3135, 0.2923



65.7579, 0.3136, 0.2842



37.9270, 0.3258, 0.3085



9.1461, 0.3132, 0.3064



8.8717, 0.3122, 0.1493



0.3178, 0.3146, 0.1507

Inverse Universe

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



37.3980, 0.3394, 0.3277



63.7844, 0.3465, 0.3274



45.3031, 0.3014, 0.3504



9.0172, 0.3282, 0.3282



7.0352, 0.6355, 0.3274



0.2498, 0.6174, 0.3175

Previews

White Background



This preview shows how the Yxy color 38.3132, 0.3135, 0.2923 looks on a white background.

Color Contrast Check

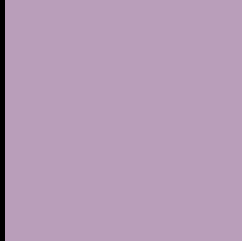
Large Text (above 18pt) WCAG AA × Fail

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 38.3132, 0.3135, 0.2923 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 38.3132, 0.3135, 0.2923

Background



This preview shows how black text looks on a background with the Yxy color 38.3132, 0.3135, 0.2923.



This preview shows how white text looks on a background with the Yxy color 38.3132, 0.3135, 0.2923.

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

38.3132, 0.3135, 0.2923

Protanopia

38.3532, 0.2886, 0.2932

Deuteranopia

38.3421, 0.3040, 0.2979



Tritanopia

38.2260, 0.3231, 0.3116

Trichromacy



Original Color

38.3132, 0.3135, 0.2923

Protanomaly

38.0608, 0.2971, 0.2923

Deuteranomaly

38.4575, 0.3077, 0.2969

Tritanomaly

38.2010, 0.3196, 0.3037

Monochromacy



Original Color

38.3132, 0.3135, 0.2923

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

39.1194, 0.3134, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3132, 0.3135, 0.2923 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(185, 158, 186)` looks like.

```
.text, #text, p{  
    color:rgb(185, 158, 186)  
}
```

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(185, 158, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 158, 186) }
```

Border

The CSS property to change the border of an element to Yxy 38.3132, 0.3135, 0.2923 is called "border". The border property can be set on classes, ids or directly on the HTML element.

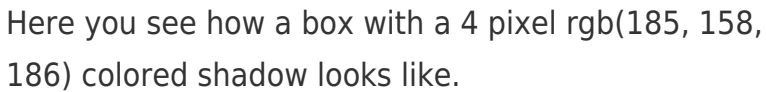
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 158, 186) }
```

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

```
.border{ border-color:rgb(185, 158, 186) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 158, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 158, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 158, 186); box-shadow:4px 4px 4px 4px rgb(185, 158, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3132, 0.3135, 0.2923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 158, 186) }
```

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

```
.background{ background-color: rgb(185,  
158, 186) }
```

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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