

Converting Colors

$Y_{xy}(35.4800, 0.3201, 0.2953)$

Have a look what the booklet for
Yxy(35.4800, 0.3201, 0.2953)
contains.

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Color

Yxy(35.5759, 0.3192, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	B698B1
RGB	182, 152, 177
RGB Percent	71%, 60%, 69%
CMY	0.2863, 0.4039, 0.3058
CMYK	0.00, 0.16, 0.03, 0.29
HSL	310°, 17%, 65%
HSV	310°, 16%, 71%
XYZ	38.4552, 35.5759, 46.4426
YIQ	163.8200, 9.8550, 14.1350

Conversions

Conversions Part 2

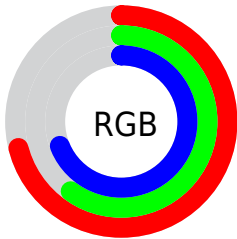
Format	Color
RYB	182, 152, 177
Decimal	11966641
CIELab	66.19, 15.52, -8.84
CIELCh	66, 17.859, 330.347
Yxy	35.5759, 0.3192, 0.2953
Android (android.graphics.Color)	4290156721 (0xFFB698B1)
YUV	163.8200, 6.4977, 15.9439
Hunter-Lab	59.6455, 10.7045, -4.4139

Details

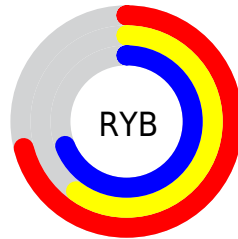
The Yxy color **35.5759, 0.3192, 0.2953** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **42.5627, 0.3068, 0.3652**, and the grayscale version is **37.0002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.2029, 0.3178, 0.3009**, and **15.4297, 0.3218, 0.2862** is the 20% darker color. If you saturate the color by 10%, you get **29.9967, 0.3239, 0.2742**, and if you desaturate by 10%, it is **42.0673, 0.3151, 0.3160**.

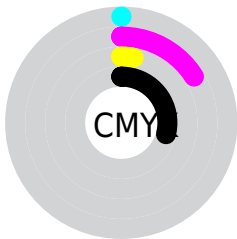
Distribution



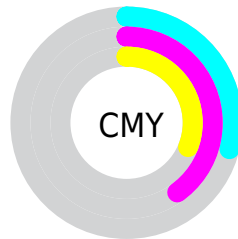
- Red (71%)
- Green (60%)
- Blue (69%)



- Red (71%)
- Yellow (60%)
- Blue (69%)



- Cyan (0%)
- Magenta (16%)
- Yellow (3%)
- Black (29%)





- Cyan (29%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5759, 0.3192, 0.2953 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 35.5759, 0.3192, 0.2953 by changing the saturation by 10% instead.


 35.5759, 0.3192,
0.2953


 35.5759, 0.3192,
0.2953


327.1031, 0.3160,
0.3125

 24.1068, 0.3200,
0.2909

 68.3770, 0.3181,
0.3016

 15.4129, 0.3210,
0.2852


 90.4778, 0.3176,
0.3040

 9.1097, 0.3222,
0.2775


116.8913, 0.3173,
0.3059

 4.8128, 0.3240,
0.2666

148.0019, 0.3169,
0.3076

 2.1378, 0.3264,
0.2499

184.1939, 0.3167,
0.3091

 0.6858, 0.3315,
0.2175

225.8519, 0.3164,

 0.0000, 0.0000,

0.3104

0.0000

273.3602, 0.3162,
0.3115

■ 35.5759, 0.3192,
0.2953

■ 35.5759, 0.3192,
0.2953

■ 29.9967, 0.3239,
0.2742

■ 42.0673, 0.3151,
0.3160

■ 25.2839, 0.3291,
0.2534

■ 49.5049, 0.3115,
0.3359

■ 21.3946, 0.3348,
0.2336

■ 57.9265, 0.3084,
0.3547

■ 18.2805, 0.3409,
0.2157

■ 67.3665, 0.3058,
0.3722

■ 15.8882, 0.3472,
0.2008

■ 77.8577, 0.3036,
0.3883

■ 14.1576, 0.3536,
0.1897

■ 85.4107, 0.3018,
0.3971

■ 13.0189, 0.3598,
0.1829

■ 85.5489, 0.3002,
0.3935

■ 12.3783, 0.3658,
0.1804

■ 85.6899, 0.2986,
0.3899

■ 12.2042, 0.3678,
0.1800

■ 85.8336, 0.2970,
0.3864

Harmonies

Analogous

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



35.5759, 0.2921, 0.2850



35.5759, 0.3192, 0.2953



35.5759, 0.3455, 0.3137

Triad

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



35.5759, 0.3192, 0.2953



35.5759, 0.3548, 0.3736



35.5759, 0.2647, 0.3183

Complementary

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



35.5759, 0.3192, 0.2953



42.5627, 0.3068, 0.3652

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.



35.5759, 0.2801, 0.3442



35.5759, 0.3192, 0.2953



35.5759, 0.3319, 0.3773

Square

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



35.5759, 0.3192, 0.2953



35.5759, 0.3665, 0.3581



35.5759, 0.3045, 0.3665



35.5759, 0.2616, 0.2969

Rectangle

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



35.5759, 0.3192, 0.2953



35.5759, 0.3587, 0.3286



35.5759, 0.3045, 0.3665



35.5759, 0.2686, 0.3268

Sweetspot

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



35.5775, 0.3192, 0.2953



78.0477, 0.3146, 0.3188



32.9537, 0.2904, 0.2859



17.0403, 0.3148, 0.3174



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



35.5775, 0.3192, 0.2953



60.4087, 0.3209, 0.2872



35.0290, 0.3331, 0.3146



9.1364, 0.3162, 0.3101



8.6276, 0.3672, 0.1797



0.3110, 0.3534, 0.1721

Inverse Universe

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



35.5775, 0.3192, 0.2953



60.4087, 0.3209, 0.2872



43.0883, 0.2959, 0.3439



9.1364, 0.3162, 0.3101



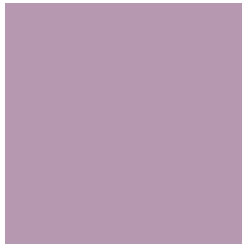
8.6276, 0.3672, 0.1797



0.3110, 0.3534, 0.1721

Previews

White Background



This preview shows how the Yxy color 35.5759, 0.3192, 0.2953 looks on a white background.

Color Contrast Check

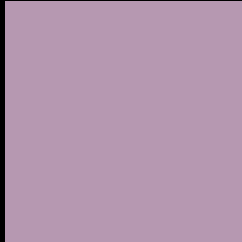
Large Text (above 18pt) WCAG AA × Fail

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 35.5759, 0.3192, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

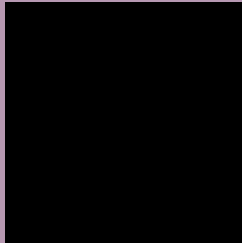
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5759, 0.3192, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 35.5759, 0.3192, 0.2953.



This preview shows how white text looks on a background with the Yxy color 35.5759, 0.3192, 0.2953.

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

35.5759, 0.3192, 0.2953

Protanopia

35.7881, 0.2921, 0.2977

Deuteranopia

35.7946, 0.3082, 0.3025



Tritanopia

35.5677, 0.3274, 0.3125

Trichromacy



Original Color

35.5759, 0.3192, 0.2953

Protanomaly

35.6247, 0.3019, 0.2969

Deuteranomaly

35.5759, 0.3121, 0.3000

Tritanomaly

35.5085, 0.3247, 0.3058

Monochromacy



Original Color

35.5759, 0.3192, 0.2953

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.6641, 0.3152, 0.3164

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5759, 0.3192, 0.2953 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(182, 152, 177)` looks like.

```
.text, #text, p{  
    color:rgb(182, 152, 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(182, 152, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 152, 177) }
```

Border

The CSS property to change the border of an element to Yxy 35.5759, 0.3192, 0.2953 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(182, 152, 177) }
```

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

```
.border{ border-color:rgb(182, 152, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 152, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 152, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 152, 177);  
box-shadow:4px 4px 4px 4px rgb(182, 152,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5759, 0.3192, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 152, 177) }
```

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

```
.background{ background-color: rgb(182,  
152, 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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