

Converting Colors

$Y_{xy}(36.4479, 0.3357, 0.2956)$

Have a look what the booklet for
Yxy(36.4479, 0.3357, 0.2956)
contains.

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Color

Yxy(36.3258, 0.3354, 0.2954)

Conversions

Conversions Part 1

Format	Color
Hex	C495AF
RGB	196, 149, 175
RGB Percent	77%, 58%, 69%
CMY	0.2315, 0.4156, 0.3137
CMYK	0.00, 0.24, 0.11, 0.23
HSL	327°, 28%, 68%
HSV	327°, 24%, 77%
XYZ	41.2447, 36.3258, 45.4011
YIQ	166.0170, 19.6660, 18.0500

Conversions

Conversions Part 2

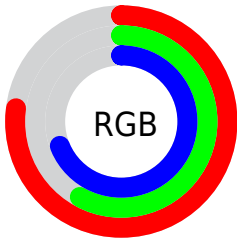
Format	Color
R _{YB}	196, 149, 175
Decimal	12883375
CIE _{Lab}	66.77, 21.78, -6.71
CIE _{LCh}	67, 22.793, 342.871
Yxy	36.3258, 0.3354, 0.2954
Android (android.graphics.Color)	4291073455 (0xFFC495AF)
YUV	166.0170, 4.4286, 26.2951
Hunter-Lab	60.2709, 16.6773, -2.4726

Details

The Yxy color **36.3258, 0.3354, 0.2954** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.7575, 0.2950, 0.3652**, and the grayscale version is **38.1132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3640, 0.3308, 0.3008**, and **15.9162, 0.3421, 0.2851** is the 20% darker color. If you saturate the color by 10%, you get **30.3059, 0.3480, 0.2807**, and if you desaturate by 10%, it is **43.4146, 0.3247, 0.3099**.

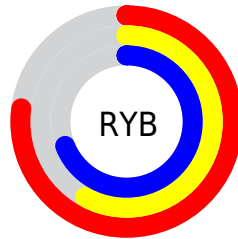
Distribution



Red (77%)

Green (58%)

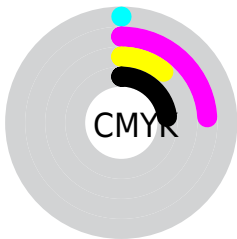
Blue (69%)



Red (77%)

Yellow (58%)

Blue (69%)

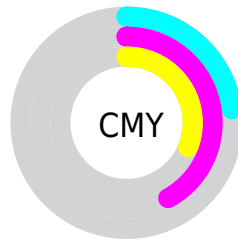


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (23%)



Cyan (23%)

Magenta (42%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.3258, 0.3354, 0.2954 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 36.3258, 0.3354, 0.2954 by changing the saturation by 10% instead.


 36.3258, 0.3354,
0.2954


 36.3258, 0.3354,
0.2954


330.3823, 0.3238,
0.3125

 24.6859, 0.3384,
0.2911


 69.5346, 0.3311,
0.3017

 15.8432, 0.3423,
0.2854


 91.8724, 0.3295,
0.3040

 9.4133, 0.3475,
0.2779


118.5449, 0.3282,
0.3060

 5.0117, 0.3550,
0.2672

149.9365, 0.3271,
0.3076

 2.2541, 0.3666,
0.2509

186.4317, 0.3261,
0.3091

 0.7493, 0.3877,
0.2215

228.4148, 0.3252,

 0.0000, 0.7062,

0.3104

0.0000

276.2702, 0.3245,
0.3115

■ 0.0000, 0.0000,
0.0000

■ 36.3258, 0.3354,
0.2954

■ 36.3258, 0.3354,
0.2954

■ 30.3059, 0.3480,
0.2807

■ 43.4146, 0.3247,
0.3099

■ 25.2974, 0.3628,
0.2665

■ 51.6162, 0.3158,
0.3237

■ 21.2448, 0.3797,
0.2534

■ 60.9783, 0.3084,
0.3368

■ 18.0852, 0.3987,
0.2426

■ 71.5441, 0.3022,
0.3489

■ 15.7483, 0.4191,
0.2353

■ 83.3546, 0.2972,
0.3602

■ 14.1527, 0.4404,
0.2325

■ 88.8246, 0.2926,
0.3587

■ 13.2005, 0.4615,
0.2351

■ 89.3213, 0.2880,
0.3490

■ 12.8248, 0.4740,
0.2385

■ 89.8430, 0.2834,
0.3395

■ 90.3899, 0.2790,
0.3302

Harmonies

Analogous

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



36.3258, 0.3002, 0.2780



36.3258, 0.3354, 0.2954



36.3258, 0.3656, 0.3209

Triad

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



36.3258, 0.3354, 0.2954



36.3258, 0.3549, 0.3897



36.3258, 0.2489, 0.3024

Complementary

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



36.3258, 0.3354, 0.2954



48.7575, 0.2950, 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.



36.3258, 0.2619, 0.3341



36.3258, 0.3354, 0.2954



36.3258, 0.3223, 0.3874

Square

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



36.3258, 0.3354, 0.2954



36.3258, 0.3768, 0.3749



36.3258, 0.2883, 0.3664



36.3258, 0.2518, 0.2805

Rectangle

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



36.3258, 0.3354, 0.2954



36.3258, 0.3780, 0.3400



36.3258, 0.2883, 0.3664



36.3258, 0.2515, 0.3122

Sweetspot

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



36.3274, 0.3354, 0.2954



88.6327, 0.3185, 0.3194



33.9596, 0.2904, 0.2655



18.7719, 0.3190, 0.3186



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.



36.3274, 0.3354, 0.2954



59.6017, 0.3421, 0.2873



35.5036, 0.3587, 0.3250



10.1691, 0.3204, 0.3163



8.2612, 0.4713, 0.2370



0.3707, 0.4290, 0.2137

Inverse Universe

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



36.3274, 0.3354, 0.2954



59.6017, 0.3421, 0.2873



49.6993, 0.2798, 0.3331



10.1691, 0.3204, 0.3163



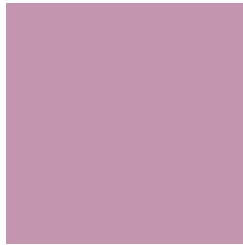
8.2612, 0.4713, 0.2370



0.3707, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 36.3258, 0.3354, 0.2954 looks on a white background.

Color Contrast Check

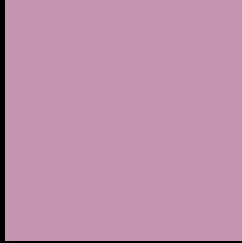
Large Text (above 18pt) WCAG AA × Fail

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 36.3258, 0.3354, 0.2954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

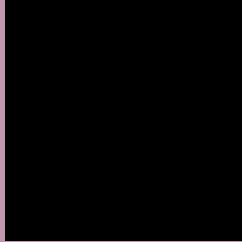
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.3258, 0.3354, 0.2954

Background



This preview shows how black text looks on a background with the Yxy color 36.3258, 0.3354, 0.2954.



This preview shows how white text looks on a background with the Yxy color 36.3258, 0.3354, 0.2954.

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

36.3258, 0.3354, 0.2954

Protanopia

36.7331, 0.2931, 0.2994

Deuteranopia

36.4695, 0.3146, 0.3083



Tritanopia

36.2469, 0.3450, 0.3132

Trichromacy



Original Color

36.3258, 0.3354, 0.2954

Protanomaly

36.2935, 0.3075, 0.2974

Deuteranomaly

36.4438, 0.3217, 0.3033

Tritanomaly

36.2048, 0.3422, 0.3068

Monochromacy



Original Color

36.3258, 0.3354, 0.2954

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3533, 0.3210, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.3258, 0.3354, 0.2954 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(196, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(196, 149, 175)  
}
```

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(196, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 149, 175) }
```

Border

The CSS property to change the border of an element to Yxy 36.3258, 0.3354, 0.2954 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(196, 149, 175) }
```

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

```
.border{ border-color:rgb(196, 149, 175) }
```

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

Here you see how a box with a 4 pixel rgb(196, 149, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(196, 149,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 36.3258, 0.3354, 0.2954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 149, 175) }
```

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

```
.background{ background-color: rgb(196,  
149, 175) }
```

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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