

Converting Colors

$Yxy(35.4714, 0.3327, 0.2913)$

Have a look what the booklet for
Yxy(35.4714, 0.3327, 0.2913)
contains.

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Color

Yxy(35.4714, 0.3327, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	C293B0
RGB	194, 147, 176
RGB Percent	76%, 58%, 69%
CMY	0.2393, 0.4235, 0.3098
CMYK	0.00, 0.24, 0.09, 0.24
HSL	323°, 28%, 67%
HSV	323°, 24%, 76%
XYZ	40.5126, 35.4714, 45.7853
YIQ	164.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

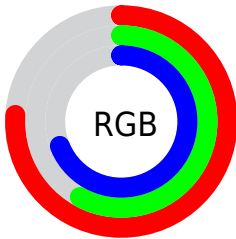
Format	Color
RYB	194, 147, 176
Decimal	12751792
CIELab	66.11, 22.35, -8.26
CIELCh	66, 23.826, 339.714
Yxy	35.4714, 0.3327, 0.2913
Android (android.graphics.Color)	4290941872 (0xFFC293B0)
YUV	164.3590, 5.7390, 25.9952
Hunter-Lab	59.5579, 17.1936, -3.8888

Details

The Yxy color **35.4714, 0.3327, 0.2913** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **47.4917, 0.2969, 0.3700**, and the grayscale version is **37.2699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1087, 0.3287, 0.2976**, and **15.3964, 0.3383, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **29.6537, 0.3436, 0.2751**, and if you desaturate by 10%, it is **42.3255, 0.3234, 0.3073**.

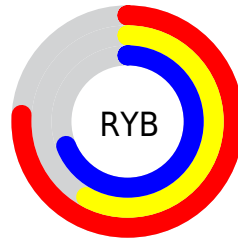
Distribution



Red (76%)

Green (58%)

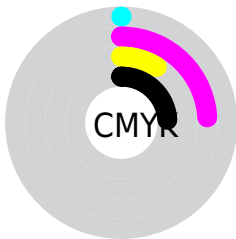
Blue (69%)



Red (76%)

Yellow (58%)

Blue (69%)

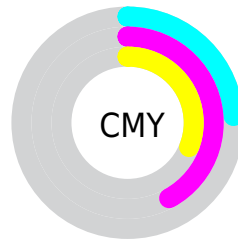


Cyan (0%)

Magenta (24%)

Yellow (9%)

Black (24%)



Cyan (24%)


Magenta (42%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.4714, 0.3327, 0.2913 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 35.4714, 0.3327, 0.2913 by changing the saturation by 10% instead.


 35.4714, 0.3327,
0.2913


 35.4714, 0.3327,
0.2913


326.6442, 0.3225,
0.3104

 24.0262, 0.3353,
0.2864


 68.2154, 0.3290,
0.2983

 15.3531, 0.3387,
0.2801


 90.2830, 0.3276,
0.3009

 9.0676, 0.3432,
0.2717


116.6602, 0.3264,
0.3031

 4.7853, 0.3497,
0.2597

147.7315, 0.3254,
0.3050

 2.1218, 0.3596,
0.2414

183.8811, 0.3245,
0.3066

 0.6769, 0.3783,
0.2067

225.4935, 0.3238,

 0.0000, 0.5560,

0.3081

0.0000

272.9530, 0.3231,
0.3093

0.0000, 0.0000,
0.0000

35.4714, 0.3327,
0.2913

35.4714, 0.3327,
0.2913

29.6537, 0.3436,
0.2751

42.3255, 0.3234,
0.3073

24.8164, 0.3561,
0.2594

50.2590, 0.3156,
0.3228

20.9054, 0.3704,
0.2450

59.3180, 0.3091,
0.3373

17.8595, 0.3862,
0.2329

69.5446, 0.3036,
0.3510

15.6100, 0.4030,
0.2244

80.9790, 0.2991,
0.3635

■ 14.0776, 0.4204,
0.2204

■ 88.1818, 0.2951,
0.3666

■ 13.1664, 0.4376,
0.2216

■ 88.5853, 0.2912,
0.3583

■ 12.8151, 0.4475,
0.2239

■ 89.0064, 0.2873,
0.3500

■ 89.4456, 0.2834,
0.3419

Harmonies

Analogous

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



35.4714, 0.2957, 0.2742



35.4714, 0.3327, 0.2913



35.4714, 0.3657, 0.3173

Triad

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



35.4714, 0.3327, 0.2913



35.4714, 0.3601, 0.3921



35.4714, 0.2463, 0.3040

Complementary

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



35.4714, 0.3327, 0.2913



47.4917, 0.2969, 0.3700

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.



35.4714, 0.2615, 0.3381



35.4714, 0.3327, 0.2913



35.4714, 0.3265, 0.3919

Square

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



35.4714, 0.3327, 0.2913



35.4714, 0.3817, 0.3747



35.4714, 0.2905, 0.3717



35.4714, 0.2476, 0.2797

Rectangle

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



35.4714, 0.3327, 0.2913



35.4714, 0.3801, 0.3372



35.4714, 0.2905, 0.3717



35.4714, 0.2496, 0.3147

Sweetspot

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



35.4730, 0.3327, 0.2913



86.7040, 0.3177, 0.3183



32.6840, 0.2873, 0.2643



18.7882, 0.3182, 0.3174



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.



35.4730, 0.3327, 0.2913



58.5210, 0.3382, 0.2828



34.6475, 0.3560, 0.3208



10.1800, 0.3195, 0.3149



8.4447, 0.4454, 0.2227



0.3780, 0.4106, 0.2036

Inverse Universe

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



35.4730, 0.3327, 0.2913



58.5210, 0.3382, 0.2828



48.3939, 0.2815, 0.3375



10.1800, 0.3195, 0.3149



8.4447, 0.4454, 0.2227



0.3780, 0.4106, 0.2036

Previews

White Background



This preview shows how the Yxy color 35.4714, 0.3327, 0.2913 looks on a white background.

Color Contrast Check

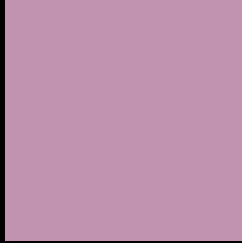
Large Text (above 18pt) WCAG AA × Fail

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 35.4714, 0.3327, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

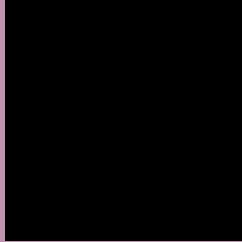
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4714, 0.3327, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 35.4714, 0.3327, 0.2913.



This preview shows how white text looks on a background with the Yxy color 35.4714, 0.3327, 0.2913.

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

35.4714, 0.3327, 0.2913

Protanopia

35.7704, 0.2896, 0.2949

Deuteranopia

35.4909, 0.3110, 0.3039



Tritanopia

35.5924, 0.3452, 0.3144

Trichromacy



Original Color

35.4714, 0.3327, 0.2913

Protanomaly

35.3249, 0.3039, 0.2930

Deuteranomaly

35.4613, 0.3181, 0.2990

Tritanomaly

35.5855, 0.3414, 0.3066

Monochromacy



Original Color

35.4714, 0.3327, 0.2913

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.3948, 0.3201, 0.3151

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4714, 0.3327, 0.2913 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(194, 147, 176)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 176)  
}
```

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(194, 147, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 176) }
```

Border

The CSS property to change the border of an element to Yxy 35.4714, 0.3327, 0.2913 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(194, 147, 176) }
```

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

```
.border{ border-color:rgb(194, 147, 176) }
```

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

Here you see how a box with a 4 pixel rgb(194, 147, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 176);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4714, 0.3327, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 176) }
```

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

```
.background{ background-color: rgb(194,  
147, 176) }
```

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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