

Converting Colors

$Yxy(35.0596, 0.3458, 0.2897)$

Have a look what the booklet for
Yxy(35.0596, 0.3458, 0.2897)
contains.

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Color

Yxy(35.0596, 0.3458, 0.2897)

Conversions

Conversions Part 1

Format	Color
Hex	CB8EAD
RGB	203, 142, 173
RGB Percent	80%, 56%, 68%
CMY	0.2039, 0.4432, 0.3214
CMYK	0.00, 0.30, 0.15, 0.20
HSL	329°, 37%, 68%
HSV	329°, 30%, 80%
XYZ	41.8488, 35.0596, 44.1119
YIQ	163.7730, 26.4050, 22.5730

Conversions

Conversions Part 2

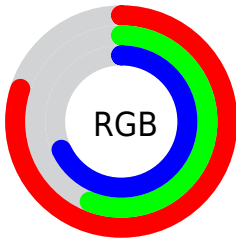
Format	Color
R_{YB}	203, 142, 173
Decimal	13340333
CIE _{Lab}	65.80, 27.82, -6.96
CIE _{LCh}	66, 28.674, 345.947
Yxy	35.0596, 0.3458, 0.2897
Android (android.graphics.Color)	4291530413 (0xFFCB8EAD)
YUV	163.7730, 4.5489, 34.4021
Hunter-Lab	59.2111, 22.5395, -2.7229

Details

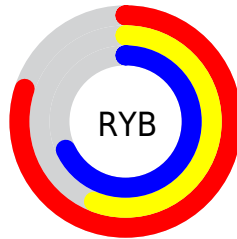
The Yxy color **35.0596, 0.3458, 0.2897** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **51.4452, 0.2890, 0.3721**, and the grayscale version is **36.9810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3413, 0.3354, 0.2967**, and **15.1585, 0.3557, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **29.1887, 0.3613, 0.2763**, and if you desaturate by 10%, it is **42.0627, 0.3327, 0.3033**.

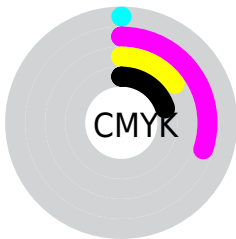
Distribution



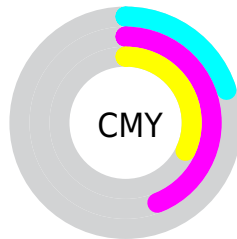
- Red (80%)
- Green (56%)
- Blue (68%)



- Red (80%)
- Yellow (56%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (15%)
- Black (20%)




- Cyan (20%)
- Magenta (44%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0596, 0.3458, 0.2897 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 35.0596, 0.3458, 0.2897 by changing the saturation by 10% instead.


 35.0596, 0.3458,
0.2897


 35.0596, 0.3458,
0.2897


324.8313, 0.3288,
0.3097


 23.7088, 0.3502,
0.2846


 67.5781, 0.3395,
0.2970

 15.1177, 0.3560,
0.2780


 89.5146, 0.3372,
0.2998

 8.9021, 0.3638,
0.2691


 115.7484, 0.3352,
0.3021

 4.6774, 0.3751,
0.2565

146.6639, 0.3335,
0.3040

 2.0592, 0.3927,
0.2373

182.6456, 0.3321,
0.3057

 0.6415, 0.4267,
0.1994

224.0778, 0.3309,

 0.0000, 1.0000,

0.3072

0.0000

271.3449, 0.3298,
0.3085

0.0000, 0.0000,
0.0000

35.0596, 0.3458,
0.2897

35.0596, 0.3458,
0.2897

29.1887, 0.3613,
0.2763

42.0627, 0.3327,
0.3033

24.3847, 0.3793,
0.2636

50.2489, 0.3218,
0.3164

20.5831, 0.3998,
0.2528


59.6721, 0.3128,
0.3289

17.7104, 0.4224,
0.2450


70.3812, 0.3053,
0.3406

15.6829, 0.4463,
0.2414

82.4225, 0.2991,
0.3515

 14.4014, 0.4704,
0.2430

 90.0945, 0.2937,
0.3525

 13.6826, 0.4936,
0.2493

 90.6805, 0.2884,
0.3417

 91.2992, 0.2833,
0.3312

 91.4381, 0.2822,
0.3289

Harmonies

Analogous

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



35.0596, 0.3009, 0.2669



35.0596, 0.3458, 0.2897



35.0596, 0.3834, 0.3218

Triad

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



35.0596, 0.3458, 0.2897



35.0596, 0.3618, 0.4073



35.0596, 0.2322, 0.2909

Complementary

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



35.0596, 0.3458, 0.2897



51.4452, 0.2890, 0.3721

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.



35.0596, 0.2460, 0.3305



35.0596, 0.3458, 0.2897



35.0596, 0.3196, 0.4028

Square

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



35.0596, 0.3458, 0.2897



35.0596, 0.3920, 0.3889



35.0596, 0.2773, 0.3734



35.0596, 0.2379, 0.2657

Rectangle

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



35.0596, 0.3458, 0.2897



35.0596, 0.3976, 0.3455



35.0596, 0.2773, 0.3734



35.0596, 0.2347, 0.3029

Sweetspot

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



35.0612, 0.3458, 0.2897



85.5162, 0.3209, 0.3176



32.3698, 0.2862, 0.2480



17.8379, 0.3224, 0.3157



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.



35.0612, 0.3458, 0.2897



52.1733, 0.3554, 0.2810



34.0264, 0.3783, 0.3279



11.3073, 0.3212, 0.3173



8.7249, 0.4906, 0.2476



0.4654, 0.4487, 0.2245

Inverse Universe

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



35.0612, 0.3458, 0.2897



52.1733, 0.3554, 0.2810



52.7316, 0.2704, 0.3302



11.3073, 0.3212, 0.3173



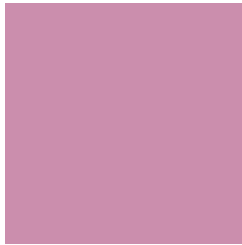
8.7249, 0.4906, 0.2476



0.4654, 0.4487, 0.2245

Previews

White Background



This preview shows how the Yxy color 35.0596, 0.3458, 0.2897 looks on a white background.

Color Contrast Check

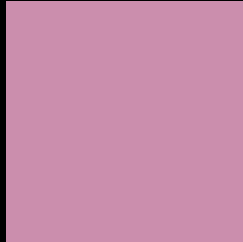
Large Text (above 18pt) WCAG AA × Fail

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 35.0596, 0.3458, 0.2897 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

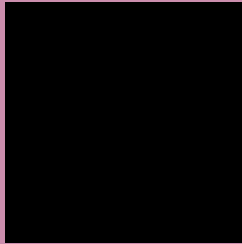
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0596, 0.3458, 0.2897

Background



This preview shows how black text looks on a background with the Yxy color 35.0596, 0.3458, 0.2897.



This preview shows how white text looks on a background with the Yxy color 35.0596, 0.3458, 0.2897.

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

35.0596, 0.3458, 0.2897

Protanopia

35.3249, 0.2887, 0.2934

Deuteranopia

35.3751, 0.3137, 0.3080



Tritanopia

35.0686, 0.3610, 0.3148

Trichromacy



Original Color

35.0596, 0.3458, 0.2897

Protanomaly

34.9620, 0.3077, 0.2918

Deuteranomaly

35.1791, 0.3250, 0.3006

Tritanomaly

35.1117, 0.3559, 0.3059

Monochromacy



Original Color

35.0596, 0.3458, 0.2897

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.0319, 0.3242, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0596, 0.3458, 0.2897 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(203, 142, 173)` looks like.

```
.text, #text, p{  
    color:rgb(203, 142, 173)  
}
```

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(203, 142, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 142, 173) }
```

Border

The CSS property to change the border of an element to Yxy 35.0596, 0.3458, 0.2897 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(203, 142, 173) }
```

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

```
.border{ border-color:rgb(203, 142, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 142, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 142, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 142, 173);  
box-shadow:4px 4px 4px 4px rgb(203, 142,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0596, 0.3458, 0.2897 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 142, 173) }
```

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

```
.background{ background-color: rgb(203,  
142, 173) }
```

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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