

Converting Colors

$Y_{xy}(35.8684, 0.3192, 0.2660)$

Have a look what the booklet for
Yxy(35.8684, 0.3192, 0.2660)
contains.

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Color

Yxy(35.8473, 0.3196, 0.2664)

Conversions

Conversions Part 1

Format	Color
Hex	C690C2
RGB	198, 144, 194
RGB Percent	78%, 56%, 76%
CMY	0.2234, 0.4353, 0.2391
CMYK	0.00, 0.27, 0.02, 0.22
HSL	304°, 32%, 67%
HSV	304°, 27%, 78%
XYZ	43.0060, 35.8473, 55.7086
YIQ	165.8460, 16.1340, 26.9980

Conversions

Conversions Part 2

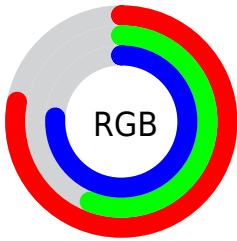
Format	Color
R _{YB}	198, 144, 194
Decimal	13013186
CIE _{Lab}	66.40, 28.67, -17.89
CIE _{LCh}	66, 33.792, 328.038
Yxy	35.8473, 0.3196, 0.2664
Android (android.graphics.Color)	4291203266 (0xFFC690C2)
YUV	165.8460, 13.8799, 28.1991
Hunter-Lab	59.8726, 23.4380, -13.2557

Details

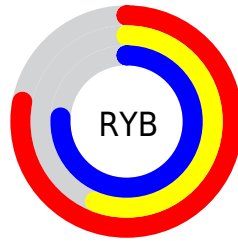
The Yxy color **35.8473, 0.3196, 0.2664** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **48.4637, 0.3063, 0.4008**, and the grayscale version is **37.9825, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6132, 0.3182, 0.2769**, and **15.5618, 0.3206, 0.2498** is the 20% darker color. If you saturate the color by 10%, you get **30.3024, 0.3225, 0.2437**, and if you desaturate by 10%, it is **42.4481, 0.3169, 0.2896**.

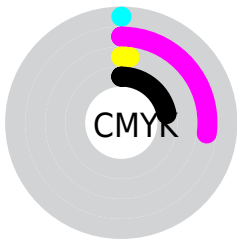
Distribution



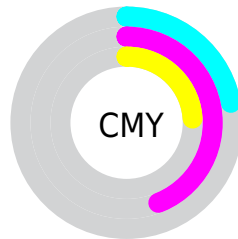
- Red (78%)
- Green (56%)
- Blue (76%)



- Red (78%)
- Yellow (56%)
- Blue (76%)



- Cyan (0%)
- Magenta (27%)
- Yellow (2%)
- Black (22%)




- Cyan (22%)
- Magenta (44%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.8473, 0.3196, 0.2664 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 35.8473, 0.3196, 0.2664 by changing the saturation by 10% instead.


 35.8473, 0.3196,
0.2664


 35.8473, 0.3196,
0.2664


328.2926, 0.3167,
0.2974

 24.3163, 0.3202,
0.2588


 68.7963, 0.3187,
0.2776

 15.5684, 0.3208,
0.2491


 90.9831, 0.3183,
0.2818

 9.2193, 0.3214,
0.2363


117.4906, 0.3179,
0.2854

 4.8845, 0.3219,
0.2188

148.7032, 0.3176,
0.2885

 2.1796, 0.3219,
0.1934

185.0053, 0.3174,
0.2912

 0.7089, 0.3206,
0.1522

226.7813, 0.3171,

 0.0000, 0.2823,

0.2935

0.0000

274.4156, 0.3169,
0.2956

0.0000, 0.0000,
0.0000

35.8473, 0.3196,
0.2664

35.8473, 0.3196,
0.2664

30.3024, 0.3225,
0.2437

42.4481, 0.3169,
0.2896

25.7536, 0.3256,
0.2224

50.1509, 0.3144,
0.3127

22.1425, 0.3287,
0.2035

59.0050, 0.3121,
0.3349

19.4029, 0.3318,
0.1879

69.0552, 0.3101,
0.3561

17.4596, 0.3347,
0.1762

80.3440, 0.3084,
0.3758

■ 16.2251, 0.3374,
0.1688

■ 87.8311, 0.3071,
0.3864

■ 15.5773, 0.3398,
0.1655

■ 87.9011, 0.3063,
0.3848

■ 15.4439, 0.3405,
0.1649

■ 87.9718, 0.3055,
0.3831

■ 88.0431, 0.3047,
0.3814

Harmonies

Analogous

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



35.8473, 0.2701, 0.2492



35.8473, 0.3196, 0.2664



35.8473, 0.3711, 0.2973

Triad

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



35.8473, 0.3196, 0.2664



35.8473, 0.3930, 0.4095



35.8473, 0.2264, 0.3099

Complementary

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



35.8473, 0.3196, 0.2664



48.4637, 0.3063, 0.4008

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.



35.8473, 0.2546, 0.3614



35.8473, 0.3196, 0.2664



35.8473, 0.3503, 0.4227

Square

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



35.8473, 0.3196, 0.2664



35.8473, 0.4148, 0.3766



35.8473, 0.2995, 0.4056



35.8473, 0.2198, 0.2700

Rectangle

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



35.8473, 0.3196, 0.2664



35.8473, 0.3978, 0.3228



35.8473, 0.2995, 0.4056



35.8473, 0.2335, 0.3265

Sweetspot

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



35.8489, 0.3196, 0.2664



87.5712, 0.3146, 0.3108



30.2801, 0.2688, 0.2520



18.2759, 0.3149, 0.3073



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.



35.8489, 0.3196, 0.2664



57.1553, 0.3214, 0.2522



34.7575, 0.3461, 0.2987



10.8026, 0.3149, 0.3079



10.0468, 0.3402, 0.1648



0.4799, 0.3357, 0.1623

Inverse Universe

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



35.8489, 0.3196, 0.2664



57.1553, 0.3214, 0.2522



49.4059, 0.2884, 0.3616



10.8026, 0.3149, 0.3079



10.0468, 0.3402, 0.1648



0.4799, 0.3357, 0.1623

Previews

White Background



This preview shows how the Yxy color 35.8473, 0.3196, 0.2664 looks on a white background.

Color Contrast Check

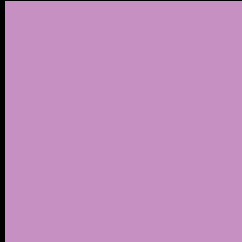
Large Text (above 18pt) WCAG AA × Fail

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 35.8473, 0.3196, 0.2664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

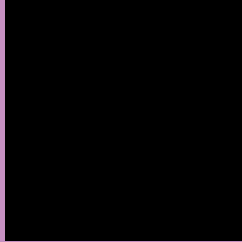
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8473, 0.3196, 0.2664

Background



This preview shows how black text looks on a background with the Yxy color 35.8473, 0.3196, 0.2664.



This preview shows how white text looks on a background with the Yxy color 35.8473, 0.3196, 0.2664.

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

35.8473, 0.3196, 0.2664

Protanopia

36.0334, 0.2679, 0.2669

Deuteranopia

36.0018, 0.2892, 0.2834



Tritanopia

35.8907, 0.3463, 0.3132

Trichromacy



Original Color

35.8473, 0.3196, 0.2664

Protanomaly

35.5437, 0.2845, 0.2659

Deuteranomaly

35.8183, 0.3000, 0.2769

Tritanomaly

35.8379, 0.3356, 0.2952

Monochromacy



Original Color

35.8473, 0.3196, 0.2664

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.0533, 0.3158, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8473, 0.3196, 0.2664 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(198, 144, 194)` looks like.

```
.text, #text, p{  
    color:rgb(198, 144, 194)  
}
```

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(198, 144, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 144, 194) }
```

Border

The CSS property to change the border of an element to Yxy 35.8473, 0.3196, 0.2664 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(198, 144, 194) }
```

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

```
.border{ border-color:rgb(198, 144, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 144, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 144, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 144, 194);  
box-shadow:4px 4px 4px 4px rgb(198, 144,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8473, 0.3196, 0.2664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 144, 194) }
```

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

```
.background{ background-color: rgb(198,  
144, 194) }
```

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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