

Converting Colors

$Y_{xy}(35.6035, 0.3265, 0.2866)$

Have a look what the booklet for
Yxy(35.6035, 0.3265, 0.2866)
contains.

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Color

Yxy(35.6816, 0.3267, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	C094B4
RGB	192, 148, 180
RGB Percent	75%, 58%, 71%
CMY	0.2469, 0.4197, 0.2940
CMYK	0.00, 0.23, 0.06, 0.25
HSL	316°, 26%, 67%
HSV	316°, 23%, 75%
XYZ	40.5749, 35.6816, 47.9398
YIQ	164.8040, 15.9520, 19.2800

Conversions

Conversions Part 2

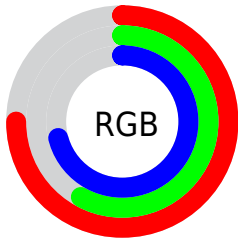
Format	Color
R _Y B	192, 148, 180
Decimal	12620980
CIE Lab	66.28, 21.84, -10.30
CIE LCh	66, 24.148, 334.763
Yxy	35.6816, 0.3267, 0.2873
Android (android.graphics.Color)	4290811060 (0xFFC094B4)
YUV	164.8040, 7.4916, 23.8509
Hunter-Lab	59.7341, 16.7132, -5.7695

Details

The Yxy color **35.6816, 0.3267, 0.2873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **46.5486, 0.3012, 0.3747**, and the grayscale version is **37.4881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.4369, 0.3242, 0.2945**, and **15.4850, 0.3310, 0.2757** is the 20% darker color. If you saturate the color by 10%, you get **29.9414, 0.3344, 0.2686**, and if you desaturate by 10%, it is **42.4324, 0.3200, 0.3059**.

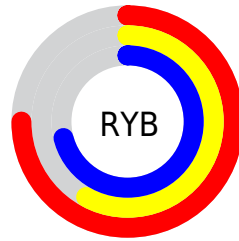
Distribution



Red (75%)

Green (58%)

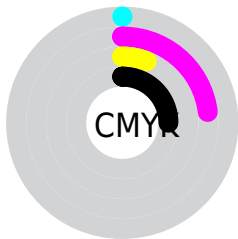
Blue (71%)



Red (75%)

Yellow (58%)

Blue (71%)

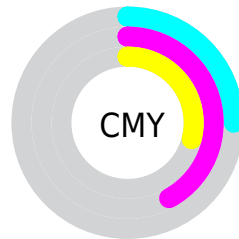


Cyan (0%)

Magenta (23%)

Yellow (6%)

Black (25%)



Cyan (25%)


Magenta (42%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.6816, 0.3267, 0.2873 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 35.6816, 0.3267, 0.2873 by changing the saturation by 10% instead.


 35.6816, 0.3267,
0.2873


 35.6816, 0.3267,
0.2873


327.5667, 0.3197,
0.3084

 24.1884, 0.3284,
0.2820


 68.5403, 0.3242,
0.2950

 15.4734, 0.3306,
0.2751


 90.6747, 0.3232,
0.2979

 9.1523, 0.3336,
0.2659


117.1248, 0.3224,
0.3003

 4.8407, 0.3377,
0.2529

148.2752, 0.3217,
0.3024

 2.1541, 0.3436,
0.2334

184.5102, 0.3211,
0.3042

 0.6948, 0.3545,
0.1978

226.2141, 0.3206,

 0.0000, 0.3429,

0.3058

0.0000

273.7715, 0.3201,
0.3071

■ 0.0000, 0.0000,
0.0000

■ 35.6816, 0.3267,
0.2873

■ 35.6816, 0.3267,
0.2873

■ 29.9414, 0.3344,
0.2686

■ 42.4324, 0.3200,
0.3059

■ 25.1577, 0.3432,
0.2503

■ 50.2351, 0.3142,
0.3239

■ 21.2786, 0.3530,
0.2335

■ 59.1342, 0.3094,
0.3409

■ 18.2453, 0.3635,
0.2191

■ 69.1705, 0.3052,
0.3569

■ 15.9919, 0.3747,
0.2081

■ 80.3827, 0.3018,
0.3717

■ 14.4430, 0.3859,
0.2014

■ 87.4572, 0.2989,
0.3771

■ 13.5077, 0.3970,
0.1995

■ 87.7250, 0.2961,
0.3711

■ 13.0947, 0.4048,
0.2003

■ 88.0014, 0.2933,
0.3651

■ 88.2866, 0.2905,
0.3592

Harmonies

Analogous

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



35.6816, 0.2897, 0.2719



35.6816, 0.3267, 0.2873



35.6816, 0.3616, 0.3124

Triad

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



35.6816, 0.3267, 0.2873



35.6816, 0.3653, 0.3910



35.6816, 0.2470, 0.3089

Complementary

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



35.6816, 0.3267, 0.2873



46.5486, 0.3012, 0.3747

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.



35.6816, 0.2650, 0.3442



35.6816, 0.3267, 0.2873



35.6816, 0.3327, 0.3942

Square

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



35.6816, 0.3267, 0.2873



35.6816, 0.3843, 0.3711



35.6816, 0.2959, 0.3768



35.6816, 0.2456, 0.2822

Rectangle

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



35.6816, 0.3267, 0.2873



35.6816, 0.3780, 0.3322



35.6816, 0.2959, 0.3768



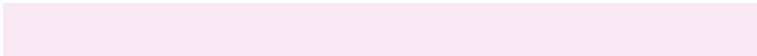
35.6816, 0.2513, 0.3201

Sweetspot

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



35.6832, 0.3267, 0.2873



84.8486, 0.3165, 0.3165



32.4292, 0.2848, 0.2673



18.0179, 0.3169, 0.3154



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



35.6832, 0.3267, 0.2873



58.6780, 0.3308, 0.2770



34.8648, 0.3485, 0.3153



10.1991, 0.3178, 0.3124



8.8211, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Inverse Universe

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



35.6832, 0.3267, 0.2873



58.6780, 0.3308, 0.2770



47.3779, 0.2860, 0.3432



10.1991, 0.3178, 0.3124



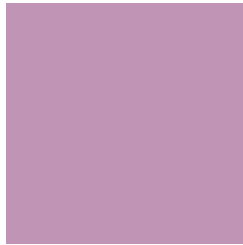
8.8211, 0.4035, 0.1996



0.3922, 0.3811, 0.1873

Previews

White Background



This preview shows how the Yxy color 35.6816, 0.3267, 0.2873 looks on a white background.

Color Contrast Check

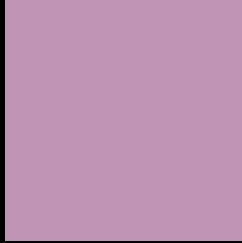
Large Text (above 18pt) WCAG AA × Fail

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 35.6816, 0.3267, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

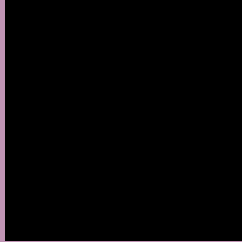
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6816, 0.3267, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 35.6816, 0.3267, 0.2873.



This preview shows how white text looks on a background with the Yxy color 35.6816, 0.3267, 0.2873.

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

35.6816, 0.3267, 0.2873

Protanopia

35.8404, 0.2855, 0.2894

Deuteranopia

35.7633, 0.3055, 0.2997



Tritanopia

35.7247, 0.3409, 0.3130

Trichromacy



Original Color

35.6816, 0.3267, 0.2873

Protanomaly

35.7147, 0.2995, 0.2890

Deuteranomaly

35.7130, 0.3124, 0.2949

Tritanomaly

35.7536, 0.3362, 0.3039

Monochromacy



Original Color

35.6816, 0.3267, 0.2873

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

36.8125, 0.3182, 0.3138

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6816, 0.3267, 0.2873 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(192, 148, 180)` looks like.

```
.text, #text, p{  
    color:rgb(192, 148, 180)  
}
```

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(192, 148, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 148, 180) }
```

Border

The CSS property to change the border of an element to Yxy 35.6816, 0.3267, 0.2873 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(192, 148, 180) }
```

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

```
.border{ border-color:rgb(192, 148, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 148, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 148, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 148, 180);  
box-shadow:4px 4px 4px 4px rgb(192, 148,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6816, 0.3267, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 148, 180) }
```

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

```
.background{ background-color: rgb(192,  
148, 180) }
```

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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