

Converting Colors

Yxy(35.0148, 0.3401, 0.2584)

Have a look what the booklet for
Yxy(35.0148, 0.3401, 0.2584)
contains.

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Color

Yxy(35.1798, 0.3408, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	D885C0
RGB	216, 133, 192
RGB Percent	85%, 52%, 75%
CMY	0.1530, 0.4784, 0.2471
CMYK	0.00, 0.38, 0.11, 0.15
HSL	317°, 52%, 68%
HSV	317°, 38%, 85%
XYZ	46.2193, 35.1798, 54.2208
YIQ	164.5430, 30.5290, 35.9450

Conversions

Conversions Part 2

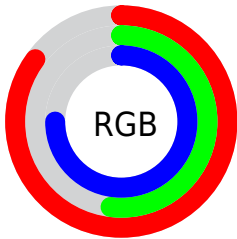
Format	Color
R _Y B	216, 133, 192
Decimal	14190016
CIE Lab	65.89, 40.22, -17.34
CIE LCh	66, 43.797, 336.679
Yxy	35.1798, 0.3408, 0.2594
Android (android.graphics.Color)	4292380096 (0xFFD885C0)
YUV	164.5430, 13.5363, 45.1278
Hunter-Lab	59.3126, 35.2990, -12.6814

Details

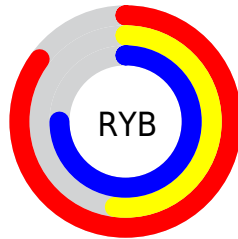
The Yxy color **35.1798, 0.3408, 0.2594** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **56.5313, 0.2931, 0.4110**, and the grayscale version is **37.3211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0038, 0.3209, 0.2697**, and **15.1934, 0.3494, 0.2410** is the 20% darker color. If you saturate the color by 10%, you get **29.5913, 0.3508, 0.2421**, and if you desaturate by 10%, it is **41.9993, 0.3319, 0.2777**.

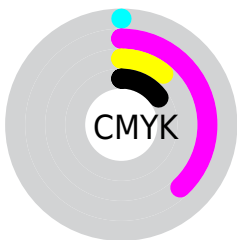
Distribution



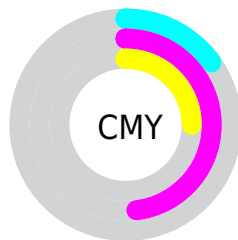
- Red (85%)
- Green (52%)
- Blue (75%)



- Red (85%)
- Yellow (52%)
- Blue (75%)



- Cyan (0%)
- Magenta (38%)
- Yellow (11%)
- Black (15%)




- Cyan (15%)
- Magenta (48%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1798, 0.3408, 0.2594 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 35.1798, 0.3408, 0.2594 by changing the saturation by 10% instead.

 35.1798, 0.3408,
0.2594


 35.1798, 0.3408,
0.2594


325.3612, 0.3271,
0.2937


 23.8014, 0.3441,
0.2510


 67.7642, 0.3359,
0.2717

 15.1864, 0.3483,
0.2404

 89.7390, 0.3340,
0.2764

 8.9503, 0.3537,
0.2266


 116.0148, 0.3325,
0.2803

 4.7088, 0.3610,
0.2077

146.9758, 0.3311,
0.2838

 2.0774, 0.3712,
0.1808

183.0066, 0.3299,
0.2867

 0.6519, 0.3877,
0.1364

224.4915, 0.3288,

 0.0000, 0.4339,

0.2893

0.0000

271.8149, 0.3279,
0.2916

0.0000, 0.0000,
0.0000

35.1798, 0.3408,
0.2594

35.1798, 0.3408,
0.2594

29.5913, 0.3508,
0.2421

41.9993, 0.3319,
0.2777

25.1536, 0.3618,
0.2267

50.1138, 0.3242,
0.2962

21.7851, 0.3736,
0.2144


59.5885, 0.3175,
0.3143


19.3907, 0.3858,
0.2061


70.4829, 0.3119,
0.3317

17.8589, 0.3980,
0.2026


82.8530, 0.3071,
0.3480


 17.0227, 0.4098,
0.2038

 91.8020, 0.3033,
0.3556

 16.9157, 0.4117,
0.2041

 92.1582, 0.2998,
0.3490

 92.5271, 0.2964,
0.3424

 92.9089, 0.2930,
0.3359

Harmonies

Analogous

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



35.1798, 0.2740, 0.2327



35.1798, 0.3408, 0.2594



35.1798, 0.4055, 0.3010

Triad

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



35.1798, 0.3408, 0.2594



35.1798, 0.4007, 0.4404



35.1798, 0.1979, 0.2851

Complementary

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



35.1798, 0.3408, 0.2594



56.5313, 0.2931, 0.4110

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.



35.1798, 0.2246, 0.3507



35.1798, 0.3408, 0.2594



35.1798, 0.3404, 0.4513

Square

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



35.1798, 0.3408, 0.2594



35.1798, 0.4398, 0.4007



35.1798, 0.2759, 0.4173



35.1798, 0.1980, 0.2423

Rectangle

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



35.1798, 0.3408, 0.2594



35.1798, 0.4347, 0.3336



35.1798, 0.2759, 0.4173



35.1798, 0.2038, 0.3050

Sweetspot

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



35.1814, 0.3408, 0.2594



81.4497, 0.3199, 0.3077



28.8553, 0.2618, 0.2183



17.0405, 0.3207, 0.3053



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.



35.1814, 0.3408, 0.2594



44.5756, 0.3487, 0.2454



33.6098, 0.3865, 0.3071



12.5686, 0.3181, 0.3126



10.0324, 0.4099, 0.2032



0.6191, 0.3910, 0.1928

Inverse Universe

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



35.1814, 0.3408, 0.2594



44.5756, 0.3487, 0.2454



58.1746, 0.2694, 0.3527



12.5686, 0.3181, 0.3126



10.0324, 0.4099, 0.2032



0.6191, 0.3910, 0.1928

Previews

White Background



This preview shows how the Yxy color 35.1798, 0.3408, 0.2594 looks on a white background.

Color Contrast Check

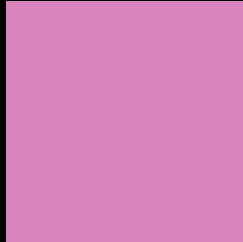
Large Text (above 18pt) WCAG AA × Fail

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 35.1798, 0.3408, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

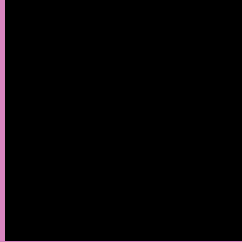
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1798, 0.3408, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 35.1798, 0.3408, 0.2594.



This preview shows how white text looks on a background with the Yxy color 35.1798, 0.3408, 0.2594.

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

35.1798, 0.3408, 0.2594

Protanopia

35.6525, 0.2620, 0.2590

Deuteranopia

35.5313, 0.2916, 0.2859



Tritanopia

35.1656, 0.3772, 0.3154

Trichromacy



Original Color

35.1798, 0.3408, 0.2594



Protanomaly

34.8951, 0.2871, 0.2589



Deuteranomaly

34.7990, 0.3084, 0.2747



Tritanomaly

35.1131, 0.3636, 0.2934

Monochromacy



Original Color

35.1798, 0.3408, 0.2594



Achromatopsia

37.6262, 0.3127, 0.3290



Achromatomaly

36.0680, 0.3230, 0.2995

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1798, 0.3408, 0.2594 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(216, 133, 192)` looks like.

```
.text, #text, p{  
    color:rgb(216, 133, 192)  
}
```

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(216, 133, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 133, 192) }
```

Border

The CSS property to change the border of an element to Yxy 35.1798, 0.3408, 0.2594 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(216, 133, 192) }
```

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

```
.border{ border-color:rgb(216, 133, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 133, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 133, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 133, 192);  
box-shadow:4px 4px 4px 4px rgb(216, 133,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1798, 0.3408, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 133, 192) }
```

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

```
.background{ background-color: rgb(216,  
133, 192) }
```

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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