

Converting Colors

$Y_{xy}(35.5018, 0.3940, 0.2782)$

Have a look what the booklet for
Yxy(35.5018, 0.3940, 0.2782)
contains.

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Color

Yxy(35.3089, 0.3939, 0.2779)

Conversions

Conversions Part 1

Format	Color
Hex	F07AA9
RGB	240, 122, 169
RGB Percent	94%, 48%, 66%
CMY	0.0589, 0.5215, 0.3374
CMYK	0.00, 0.49, 0.30, 0.06
HSL	336°, 80%, 71%
HSV	336°, 49%, 94%
XYZ	50.0474, 35.3089, 41.6998
YIQ	162.6400, 55.2410, 39.6330

Conversions

Conversions Part 2

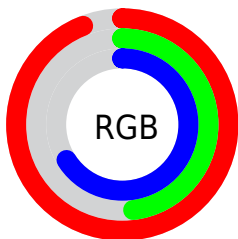
Format	Color
R _Y B	240, 122, 169
Decimal	15760041
CIE Lab	65.99, 50.36, -3.88
CIE LCh	66, 50.506, 355.593
Yxy	35.3089, 0.3939, 0.2779
Android (android.graphics.Color)	4293950121 (0xFFFF07AA9)
YUV	162.6400, 3.1355, 67.8447
Hunter-Lab	59.4213, 46.3538, -0.0128

Details

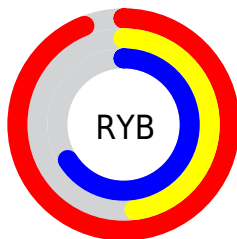
The Yxy color **35.3089, 0.3939, 0.2779** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **70.2962, 0.2703, 0.3893**, and the grayscale version is **36.4155, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0861, 0.3410, 0.2813**, and **15.2424, 0.4191, 0.2625** is the 20% darker color. If you saturate the color by 10%, you get **29.6128, 0.4203, 0.2695**, and if you desaturate by 10%, it is **42.5233, 0.3711, 0.2880**.

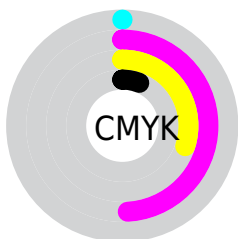
Distribution



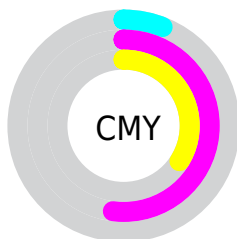
- Red (94%)
- Green (48%)
- Blue (66%)



- Red (94%)
- Yellow (48%)
- Blue (66%)



- Cyan (0%)
- Magenta (49%)
- Yellow (30%)
- Black (6%)





- Cyan (6%)
- Magenta (52%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.3089, 0.3939, 0.2779 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 35.3089, 0.3939, 0.2779 by changing the saturation by 10% instead.


 35.3089, 0.3939,
0.2779


 35.3089, 0.3939,
0.2779


325.9297, 0.3519,
0.3040

 23.9009, 0.4048,
0.2713


 67.9640, 0.3783,
0.2875

 15.2601, 0.4191,
0.2627


 89.9800, 0.3726,
0.2910

 9.0022, 0.4384,
0.2511


 116.3007, 0.3677,
0.2941

 4.7426, 0.4661,
0.2348

147.3106, 0.3636,
0.2966

 2.0970, 0.5088,
0.2104

183.3940, 0.3601,
0.2988

 0.6630, 0.5839,
0.1665

224.9354, 0.3570,


 0.0000, 1.0000,


0.3008

0.0000


272.3192, 0.3543,
0.3025


 0.0000, 0.0000,
0.0000

 35.3089, 0.3939,
0.2779


 35.3089, 0.3939,
0.2779


 29.6128, 0.4203,
0.2695


 42.5233, 0.3711,
0.2880


 25.3188, 0.4496,
0.2640


 51.3504, 0.3518,
0.2987


 22.3021, 0.4808,
0.2627

 61.8833, 0.3359,
0.3095

 20.4131, 0.5117,
0.2666

 74.2063, 0.3227,
0.3200

 19.4233, 0.5403,
0.2755

 88.3981, 0.3119,
0.3298

■ 19.3563, 0.5427,
0.2763

■ 97.2607, 0.3035,
0.3290

Harmonies

Analogous

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



35.3089, 0.3148, 0.2371



35.3089, 0.3939, 0.2779



35.3089, 0.4519, 0.3305

Triad

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



35.3089, 0.3939, 0.2779



35.3089, 0.3696, 0.4708



35.3089, 0.1800, 0.2438

Complementary

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



35.3089, 0.3939, 0.2779



70.2962, 0.2703, 0.3893

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.



35.3089, 0.1902, 0.3027



35.3089, 0.3939, 0.2779



35.3089, 0.2957, 0.4533

Square

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



35.3089, 0.3939, 0.2779



35.3089, 0.4322, 0.4400



35.3089, 0.2304, 0.3845



35.3089, 0.1984, 0.2157

Rectangle

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



35.3089, 0.3939, 0.2779



35.3089, 0.4660, 0.3683



35.3089, 0.2304, 0.3845



35.3089, 0.1801, 0.2600

Sweetspot

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



35.3107, 0.3939, 0.2779



76.5816, 0.3301, 0.3139



31.5268, 0.2750, 0.1942



15.7700, 0.3330, 0.3116



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.



35.3107, 0.3939, 0.2779



33.9676, 0.4204, 0.2695



36.9282, 0.4443, 0.3423



15.8631, 0.3231, 0.3196



10.6230, 0.5385, 0.2740



0.9028, 0.5036, 0.2548

Inverse Universe

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



35.3107, 0.3939, 0.2779



33.9676, 0.4204, 0.2695



66.0151, 0.2455, 0.3143



15.8631, 0.3231, 0.3196



10.6230, 0.5385, 0.2740



0.9028, 0.5036, 0.2548

Previews

White Background



This preview shows how the Yxy color 35.3089, 0.3939, 0.2779 looks on a white background.

Color Contrast Check

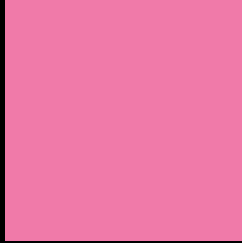
Large Text (above 18pt) WCAG AA × Fail

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 35.3089, 0.3939, 0.2779 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 35.3089, 0.3939, 0.2779

Background



This preview shows how black text looks on a background with the Yxy color 35.3089, 0.3939, 0.2779.



This preview shows how white text looks on a background with the Yxy color 35.3089, 0.3939, 0.2779.

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

35.3089, 0.3939, 0.2779

Protanopia

35.5166, 0.2799, 0.2812

Deuteranopia

35.5352, 0.3250, 0.3192



Tritanopia

35.2490, 0.4272, 0.3193

Trichromacy



Original Color

35.3089, 0.3939, 0.2779



Protanomaly

34.3327, 0.3161, 0.2787



Deuteranomaly

34.8052, 0.3496, 0.3018



Tritanomaly

35.2688, 0.4146, 0.3037

Monochromacy



Original Color

35.3089, 0.3939, 0.2779



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.9728, 0.3405, 0.3064

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3089, 0.3939, 0.2779 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(240, 122, 169)` looks like.

```
.text, #text, p{  
    color:rgb(240, 122, 169)  
}
```

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(240, 122, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 122, 169) }
```

Border

The CSS property to change the border of an element to Yxy 35.3089, 0.3939, 0.2779 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(240, 122, 169) }
```

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

```
.border{ border-color:rgb(240, 122, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 122, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 122, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 122, 169);  
box-shadow:4px 4px 4px 4px rgb(240, 122,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3089, 0.3939, 0.2779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 122, 169) }
```

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

```
.background{ background-color: rgb(240,  
122, 169) }
```

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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