

Converting Colors

$Y_{xy}(35.3364, 0.3724, 0.2532)$

Have a look what the booklet for
Yxy(35.3364, 0.3724, 0.2532)
contains.

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Color

Yxy(35.3318, 0.3723, 0.2533)

Conversions

Conversions Part 1

Format	Color
Hex	F176BD
RGB	241, 118, 189
RGB Percent	95%, 46%, 74%
CMY	0.0550, 0.5371, 0.2588
CMYK	0.00, 0.51, 0.22, 0.06
HSL	325°, 81%, 70%
HSV	325°, 51%, 94%
XYZ	51.9306, 35.3318, 52.2236
YIQ	162.8710, 50.5170, 48.1570

Conversions

Conversions Part 2

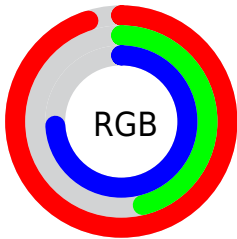
Format	Color
R _{YB}	241, 118, 189
Decimal	15824573
CIE _{Lab}	66.01, 55.28, -15.16
CIE _{LCh}	66, 57.324, 344.660
Yxy	35.3318, 0.3723, 0.2533
Android (android.graphics.Color)	4294014653 (0xFFFF176BD)
YUV	162.8710, 12.8816, 68.5191
Hunter-Lab	59.4406, 51.9267, -10.4829

Details

The Yxy color **35.3318, 0.3723, 0.2533** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **69.6479, 0.2801, 0.4224**, and the grayscale version is **36.4858, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1247, 0.3242, 0.2586**, and **15.2777, 0.3884, 0.2326** is the 20% darker color. If you saturate the color by 10%, you get **29.9360, 0.3899, 0.2412**, and if you desaturate by 10%, it is **42.2116, 0.3566, 0.2675**.

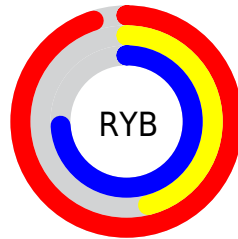
Distribution



Red (95%)

Green (46%)

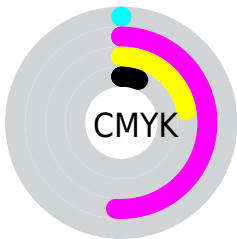
Blue (74%)



Red (95%)

Yellow (46%)

Blue (74%)

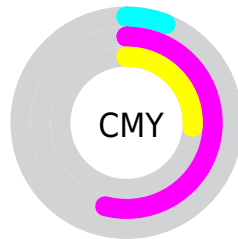


Cyan (0%)

Magenta (51%)

Yellow (22%)

Black (6%)



Cyan (6%)


Magenta (54%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.3318, 0.3723, 0.2533 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 35.3318, 0.3723, 0.2533 by changing the saturation by 10% instead.


 35.3318, 0.3723,
0.2533


 35.3318, 0.3723,
0.2533


326.0305, 0.3424,
0.2904


 23.9186, 0.3797,
0.2443


 67.9995, 0.3615,
0.2666

 15.2732, 0.3893,
0.2330


 90.0227, 0.3574,
0.2716

 9.0114, 0.4019,
0.2183


 116.3514, 0.3539,
0.2759

 4.7486, 0.4194,
0.1984

147.3699, 0.3510,
0.2796

 2.1005, 0.4452,
0.1704

183.4627, 0.3484,
0.2828

 0.6649, 0.4877,
0.1260

225.0141, 0.3462,

 0.0000, 0.6170,

0.2856

0.0000

272.4086, 0.3442,
0.2881

■ 0.0000, 0.0000,
0.0000

■ 35.3318, 0.3723,
0.2533

■ 35.3318, 0.3723,
0.2533

■ 29.9360, 0.3899,
0.2412

■ 42.2116, 0.3566,
0.2675

■ 25.9056, 0.4090,
0.2325

■ 50.6716, 0.3430,
0.2827

■ 23.1126, 0.4290,
0.2282

■ 60.8059, 0.3314,
0.2981

■ 21.4014, 0.4489,
0.2293

■ 72.6997, 0.3216,
0.3132

■ 20.5620, 0.4664,
0.2343

■ 86.4325, 0.3135,
0.3276

97.1247, 0.3069,
0.3338

97.4351, 0.3041,
0.3290

Harmonies

Analogous

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



35.3318, 0.2830, 0.2154



35.3318, 0.3723, 0.2533



35.3318, 0.4516, 0.3069

Triad

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



35.3318, 0.3723, 0.2533



35.3318, 0.4025, 0.4802



35.3318, 0.1658, 0.2520

Complementary

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



35.3318, 0.3723, 0.2533



69.6479, 0.2801, 0.4224

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.



35.3318, 0.1880, 0.3301



35.3318, 0.3723, 0.2533



35.3318, 0.3219, 0.4870

Square

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



35.3318, 0.3723, 0.2533



35.3318, 0.4639, 0.4303



35.3318, 0.2433, 0.4264



35.3318, 0.1749, 0.2099

Rectangle

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



35.3318, 0.3723, 0.2533



35.3318, 0.4805, 0.3472



35.3318, 0.2433, 0.4264



35.3318, 0.1696, 0.2742

Sweetspot

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



35.3335, 0.3723, 0.2533



76.9788, 0.3254, 0.3072



27.7767, 0.2533, 0.1815



15.8654, 0.3274, 0.3040



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.



35.3335, 0.3723, 0.2533



33.9537, 0.3902, 0.2411



33.2254, 0.4471, 0.3184



15.9118, 0.3203, 0.3155



11.1812, 0.4633, 0.2326



0.9500, 0.4394, 0.2194

Inverse Universe

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



35.3335, 0.3723, 0.2533



33.9537, 0.3902, 0.2411



72.4993, 0.2510, 0.3414



15.9118, 0.3203, 0.3155



11.1812, 0.4633, 0.2326



0.9500, 0.4394, 0.2194

Previews

White Background



This preview shows how the Yxy color 35.3318, 0.3723, 0.2533 looks on a white background.

Color Contrast Check

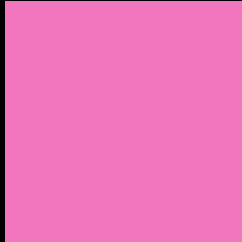
Large Text (above 18pt) WCAG AA × Fail

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 35.3318, 0.3723, 0.2533 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

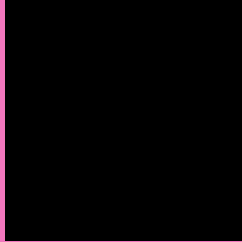
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.3318, 0.3723, 0.2533

Background



This preview shows how black text looks on a background with the Yxy color 35.3318, 0.3723, 0.2533.



This preview shows how white text looks on a background with the Yxy color 35.3318, 0.3723, 0.2533.

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

35.3318, 0.3723, 0.2533

Protanopia

35.7875, 0.2545, 0.2491

Deuteranopia

35.6398, 0.2984, 0.2928



Tritanopia

35.3684, 0.4245, 0.3192

Trichromacy



Original Color

35.3318, 0.3723, 0.2533



Protanomaly

34.0352, 0.2899, 0.2478



Deuteranomaly

34.4852, 0.3233, 0.2748



Tritanomaly

35.2787, 0.4053, 0.2937

Monochromacy



Original Color

35.3318, 0.3723, 0.2533



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.9224, 0.3337, 0.2960

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.3318, 0.3723, 0.2533 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(241, 118, 189)` looks like.

```
.text, #text, p{  
    color:rgb(241, 118, 189)  
}
```

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(241, 118, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 118, 189) }
```

Border

The CSS property to change the border of an element to Yxy 35.3318, 0.3723, 0.2533 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(241, 118, 189) }
```

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

```
.border{ border-color:rgb(241, 118, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 118, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(241, 118, 189); -webkit-box-shadow:4px 4px 4px 4px rgb(241, 118, 189); box-shadow:4px 4px 4px 4px rgb(241, 118, 189) }
```


Background

The CSS property to change the background color of an element to Yxy 35.3318, 0.3723, 0.2533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 118, 189) }
```

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

```
.background{ background-color: rgb(241,  
118, 189) }
```

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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