

Converting Colors

$Y_{xy}(35.8595, 0.3533, 0.2326)$

Have a look what the booklet for
Yxy(35.8595, 0.3533, 0.2326)
contains.

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Color

Yxy(35.8702, 0.3536, 0.2328)

Conversions

Conversions Part 1

Format	Color
Hex	F373D0
RGB	243, 115, 208
RGB Percent	95%, 45%, 82%
CMY	0.0470, 0.5491, 0.1843
CMYK	0.00, 0.53, 0.14, 0.05
HSL	316°, 84%, 70%
HSV	316°, 53%, 95%
XYZ	54.4833, 35.8702, 63.7282
YIQ	163.8740, 46.4350, 56.0590

Conversions

Conversions Part 2

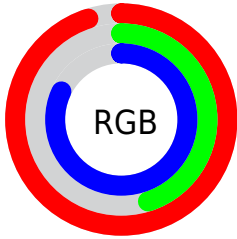
Format	Color
R _Y B	243, 115, 208
Decimal	15954896
CIE Lab	66.42, 60.09, -25.19
CIE LCh	66, 65.154, 337.253
Yxy	35.8702, 0.3536, 0.2328
Android (android.graphics.Color)	4294144976 (0xFFFF373D0)
YUV	163.8740, 21.7541, 69.3935
Hunter-Lab	59.8917, 57.5702, -21.1637

Details

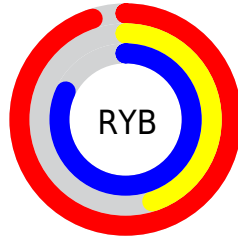
The Yxy color **35.8702, 0.3536, 0.2328** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **69.9598, 0.2887, 0.4525**, and the grayscale version is **36.9394, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.6058, 0.3166, 0.2469**, and **15.5164, 0.3640, 0.2090** is the 20% darker color. If you saturate the color by 10%, you get **30.7212, 0.3644, 0.2184**, and if you desaturate by 10%, it is **42.4968, 0.3436, 0.2498**.

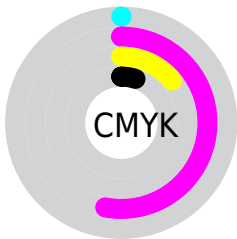
Distribution



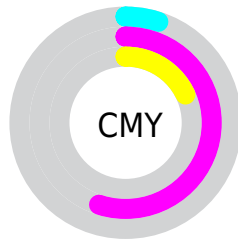
- Red (95%)
- Green (45%)
- Blue (82%)



- Red (95%)
- Yellow (45%)
- Blue (82%)



- Cyan (0%)
- Magenta (53%)
- Yellow (14%)
- Black (5%)





- Cyan (5%)
- Magenta (55%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.8702, 0.3536, 0.2328 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 35.8702, 0.3536, 0.2328 by changing the saturation by 10% instead.


 35.8702, 0.3536,
0.2328


 35.8702, 0.3536,
0.2328


328.3929, 0.3343,
0.2786


 24.3340, 0.3580,
0.2221

 68.8317, 0.3469,
0.2489

 15.5815, 0.3635,
0.2089


 91.0257, 0.3443,
0.2551

 9.2285, 0.3705,
0.1921


 117.5411, 0.3420,
0.2604

 4.8905, 0.3794,
0.1702

148.7623, 0.3401,
0.2650

 2.1832, 0.3913,
0.1408

185.0737, 0.3384,
0.2690

 0.7108, 0.4077,
0.0990

226.8597, 0.3369,

 0.0000, 0.4474,

0.2726

0.0000

274.5046, 0.3355,
0.2757

■ 0.0000, 0.2337,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.8702, 0.3536,
0.2328

■ 35.8702, 0.3536,
0.2328

■ 30.7212, 0.3644,
0.2184

■ 42.4968, 0.3436,
0.2498

■ 26.9271, 0.3757,
0.2075


■ 50.7008, 0.3347,
0.2682


■ 24.3538, 0.3872,
0.2011

■ 60.5790, 0.3268,
0.2872


■ 22.8372, 0.3985,
0.1997

■ 72.2193, 0.3200,
0.3061

 22.2148, 0.4065,
0.2013

 85.7032, 0.3141,
0.3243

 97.3484, 0.3094,
0.3359

 97.7681, 0.3056,
0.3294

 97.7983, 0.3054,
0.3290

Harmonies

Analogous

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



35.8702, 0.2570, 0.1971



35.8702, 0.3536, 0.2328



35.8702, 0.4510, 0.2874

Triad

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



35.8702, 0.3536, 0.2328



35.8702, 0.4296, 0.4849



35.8702, 0.1533, 0.2589

Complementary

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



35.8702, 0.3536, 0.2328



69.9598, 0.2887, 0.4525

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.



35.8702, 0.1852, 0.3559



35.8702, 0.3536, 0.2328



35.8702, 0.3430, 0.5137

Square

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



35.8702, 0.3536, 0.2328



35.8702, 0.4912, 0.4208



35.8702, 0.2534, 0.4648



35.8702, 0.1556, 0.2041

Rectangle

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



35.8702, 0.3536, 0.2328



35.8702, 0.4931, 0.3298



35.8702, 0.2534, 0.4648



35.8702, 0.1599, 0.2869

Sweetspot

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



35.8719, 0.3536, 0.2328



75.9764, 0.3221, 0.2998



25.1337, 0.2351, 0.1702



15.6832, 0.3235, 0.2959



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.



35.8719, 0.3536, 0.2328



34.0340, 0.3649, 0.2177



33.3578, 0.4296, 0.2973



16.6864, 0.3180, 0.3120



12.2138, 0.4048, 0.2004



1.0907, 0.3919, 0.1932

Inverse Universe

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



35.8719, 0.3536, 0.2328



34.0340, 0.3649, 0.2177



72.5691, 0.2582, 0.3664



16.6864, 0.3180, 0.3120



12.2138, 0.4048, 0.2004



1.0907, 0.3919, 0.1932

Previews

White Background



This preview shows how the Yxy color 35.8702, 0.3536, 0.2328 looks on a white background.

Color Contrast Check

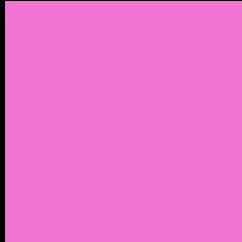
Large Text (above 18pt) WCAG AA × Fail

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 35.8702, 0.3536, 0.2328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

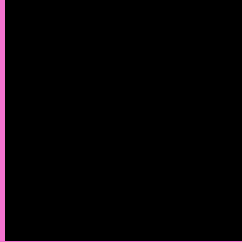
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.8702, 0.3536, 0.2328

Background



This preview shows how black text looks on a background with the Yxy color 35.8702, 0.3536, 0.2328.



This preview shows how white text looks on a background with the Yxy color 35.8702, 0.3536, 0.2328.

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

35.8702, 0.3536, 0.2328

Protanopia

36.2754, 0.2340, 0.2218

Deuteranopia

36.2824, 0.2772, 0.2715



Tritanopia

35.6916, 0.4216, 0.3181

Trichromacy



Original Color

35.8702, 0.3536, 0.2328



Protanomaly

34.3568, 0.2678, 0.2213



Deuteranomaly

34.8234, 0.3018, 0.2520



Tritanomaly

35.7346, 0.3967, 0.2851

Monochromacy



Original Color

35.8702, 0.3536, 0.2328



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

35.1905, 0.3279, 0.2849

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.8702, 0.3536, 0.2328 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(243, 115, 208)` looks like.

```
.text, #text, p{  
    color:rgb(243, 115, 208)  
}
```

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(243, 115, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 115, 208) }
```

Border

The CSS property to change the border of an element to Yxy 35.8702, 0.3536, 0.2328 is called "border". The border property can be set on classes, ids or directly on the HTML element.

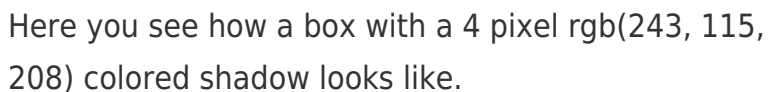
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(243, 115, 208) }
```

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

```
.border{ border-color:rgb(243, 115, 208) }
```

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



Here you see how a box with a 4 pixel `rgb(243, 115, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(243, 115, 208); -webkit-box-shadow:4px 4px 4px 4px rgb(243, 115, 208); box-shadow:4px 4px 4px 4px rgb(243, 115, 208) }
```


Background

The CSS property to change the background color of an element to Yxy 35.8702, 0.3536, 0.2328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 115, 208) }
```

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

```
.background{ background-color: rgb(243,  
115, 208) }
```

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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