

Converting Colors

$Y_{xy}(35.4501, 0.3690, 0.2486)$

Have a look what the booklet for
Yxy(35.4501, 0.3690, 0.2486)
contains.

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Color

Yxy(35.4501, 0.3690, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	F275C1
RGB	242, 117, 193
RGB Percent	95%, 46%, 76%
CMY	0.0508, 0.5413, 0.2431
CMYK	0.00, 0.52, 0.20, 0.05
HSL	324°, 83%, 70%
HSV	324°, 52%, 95%
XYZ	52.6190, 35.4501, 54.5298
YIQ	163.0390, 50.1040, 50.1360

Conversions

Conversions Part 2

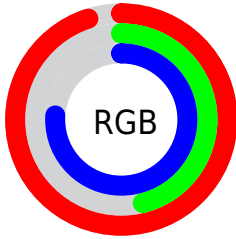
Format	Color
R _Y B	242, 117, 193
Decimal	15889857
CIE Lab	66.10, 56.69, -17.28
CIE LCh	66, 59.261, 343.048
Yxy	35.4501, 0.3690, 0.2486
Android (android.graphics.Color)	4294079937 (0xFFFF275C1)
YUV	163.0390, 14.7708, 69.2488
Hunter-Lab	59.5400, 53.5561, -12.6229

Details

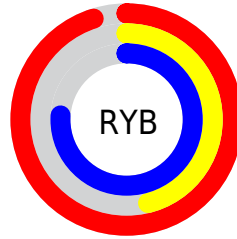
The Yxy color **35.4501, 0.3690, 0.2486** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **70.0674, 0.2817, 0.4293**, and the grayscale version is **36.5542, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.0493, 0.3203, 0.2532**, and **15.2688, 0.3851, 0.2274** is the 20% darker color. If you saturate the color by 10%, you get **30.1139, 0.3852, 0.2361**, and if you desaturate by 10%, it is **42.2747, 0.3545, 0.2633**.

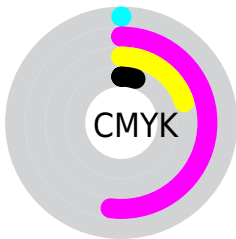
Distribution



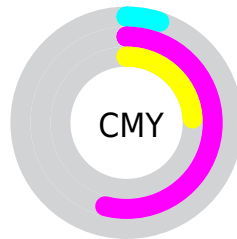
- Red (95%)
- Green (46%)
- Blue (76%)



- Red (95%)
- Yellow (46%)
- Blue (76%)



- Cyan (0%)
- Magenta (52%)
- Yellow (20%)
- Black (5%)





- Cyan (5%)
- Magenta (54%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.4501, 0.3690, 0.2486 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 35.4501, 0.3690, 0.2486 by changing the saturation by 10% instead.


 35.4501, 0.3690,
0.2486


 35.4501, 0.3690,
0.2486


326.5506, 0.3411,
0.2877


 24.0098, 0.3759,
0.2392

 68.1825, 0.3589,
0.2625

 15.3409, 0.3847,
0.2274


 90.2433, 0.3551,
0.2678

 9.0590, 0.3962,
0.2122


 116.6131, 0.3519,
0.2724

 4.7797, 0.4120,
0.1918

147.6763, 0.3491,
0.2763

 2.1186, 0.4349,
0.1633

183.8173, 0.3467,
0.2797

 0.6750, 0.4717,
0.1194

225.4204, 0.3446,


 0.0000, 0.5706,


0.2827


0.0000

272.8700, 0.3427,
0.2853


 0.0000, 0.0000,
0.0000


 35.4501, 0.3690,
0.2486


 35.4501, 0.3690,
0.2486

 30.1139, 0.3852,
0.2361


 42.2747, 0.3545,
0.2633


 26.1455, 0.4026,
0.2270


 50.6855, 0.3418,
0.2792


 23.4141, 0.4208,
0.2224


 60.7782, 0.3309,
0.2954

 21.7603, 0.4388,
0.2231

 72.6391, 0.3216,
0.3113

 20.9979, 0.4535,
0.2272

 86.3489, 0.3139,
0.3265

 97.3051, 0.3076,
0.3339

 97.6263, 0.3048,
0.3290

Harmonies

Analogous

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



35.4501, 0.2774, 0.2110



35.4501, 0.3690, 0.2486



35.4501, 0.4527, 0.3027

Triad

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



35.4501, 0.3690, 0.2486



35.4501, 0.4085, 0.4824



35.4501, 0.1624, 0.2527

Complementary

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



35.4501, 0.3690, 0.2486



70.0674, 0.2817, 0.4293

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.



35.4501, 0.1866, 0.3350



35.4501, 0.3690, 0.2486



35.4501, 0.3262, 0.4940

Square

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



35.4501, 0.3690, 0.2486



35.4501, 0.4704, 0.4290



35.4501, 0.2448, 0.4348



35.4501, 0.1701, 0.2080

Rectangle

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



35.4501, 0.3690, 0.2486



35.4501, 0.4844, 0.3437



35.4501, 0.2448, 0.4348



35.4501, 0.1667, 0.2761

Sweetspot

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



35.4518, 0.3690, 0.2486



75.6868, 0.3255, 0.3044



27.1187, 0.2488, 0.1781



15.6139, 0.3274, 0.3011



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.



35.4518, 0.3690, 0.2486



33.6422, 0.3860, 0.2355



33.2548, 0.4446, 0.3138



15.9203, 0.3198, 0.3147



11.3025, 0.4507, 0.2256



0.9598, 0.4290, 0.2137

Inverse Universe

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



35.4518, 0.3690, 0.2486



33.6422, 0.3860, 0.2355



72.8855, 0.2523, 0.3468



15.9203, 0.3198, 0.3147



11.3025, 0.4507, 0.2256



0.9598, 0.4290, 0.2137

Previews

White Background



This preview shows how the Yxy color 35.4501, 0.3690, 0.2486 looks on a white background.

Color Contrast Check

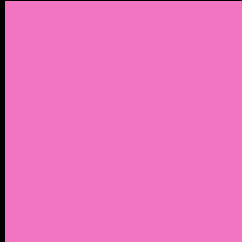
Large Text (above 18pt) WCAG AA × Fail

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 35.4501, 0.3690, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

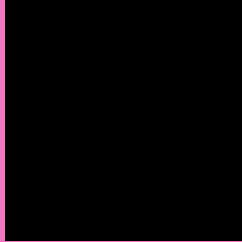
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.4501, 0.3690, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 35.4501, 0.3690, 0.2486.



This preview shows how white text looks on a background with the Yxy color 35.4501, 0.3690, 0.2486.

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

35.4501, 0.3690, 0.2486

Protanopia

35.8748, 0.2499, 0.2432

Deuteranopia

35.6584, 0.2950, 0.2887



Tritanopia

35.5400, 0.4255, 0.3193

Trichromacy



Original Color

35.4501, 0.3690, 0.2486



Protanomaly

34.1650, 0.2849, 0.2421



Deuteranomaly

34.3576, 0.3196, 0.2688



Tritanomaly

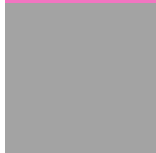
35.4866, 0.4051, 0.2928

Monochromacy



Original Color

35.4501, 0.3690, 0.2486



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.8202, 0.3328, 0.2922

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.4501, 0.3690, 0.2486 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(242, 117, 193)` looks like.

```
.text, #text, p{  
    color:rgb(242, 117, 193)  
}
```

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(242, 117, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 117, 193) }
```

Border

The CSS property to change the border of an element to Yxy 35.4501, 0.3690, 0.2486 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(242, 117, 193) }
```

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

```
.border{ border-color:rgb(242, 117, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 117, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 117, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 117, 193);  
box-shadow:4px 4px 4px 4px rgb(242, 117,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 35.4501, 0.3690, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 117, 193) }
```

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

```
.background{ background-color: rgb(242,  
117, 193) }
```

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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