

Converting Colors

$Y_{xy}(35.0963, 0.3679, 0.2496)$

Have a look what the booklet for
Yxy(35.0963, 0.3679, 0.2496)
contains.

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Color

Yxy(35.0536, 0.3681, 0.2490)

Conversions

Conversions Part 1

Format	Color
Hex	F075C0
RGB	240, 117, 192
RGB Percent	94%, 46%, 75%
CMY	0.0587, 0.5413, 0.2471
CMYK	0.00, 0.51, 0.20, 0.06
HSL	323°, 80%, 70%
HSV	323°, 51%, 94%
XYZ	51.8202, 35.0536, 53.9037
YIQ	162.3270, 49.2330, 49.4010

Conversions

Conversions Part 2

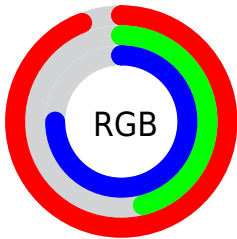
Format	Color
R_{YB}	240, 117, 192
Decimal	15758784
CIE _{Lab}	65.79, 55.92, -17.20
CIE _{LCh}	66, 58.507, 342.906
Yxy	35.0536, 0.3681, 0.2490
Android (android.graphics.Color)	4293948864 (0xFFFF075C0)
YUV	162.3270, 14.6288, 68.1192
Hunter-Lab	59.2061, 52.6217, -12.5359

Details

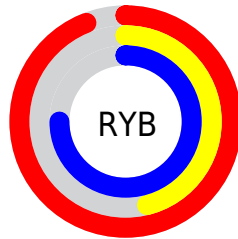
The Yxy color **35.0536, 0.3681, 0.2490** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **68.8400, 0.2820, 0.4285**, and the grayscale version is **36.2041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **57.9245, 0.3219, 0.2550**, and **15.1040, 0.3838, 0.2285** is the 20% darker color. If you saturate the color by 10%, you get **29.7597, 0.3841, 0.2363**, and if you desaturate by 10%, it is **41.8110, 0.3537, 0.2638**.

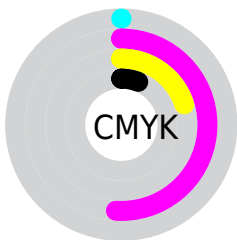
Distribution



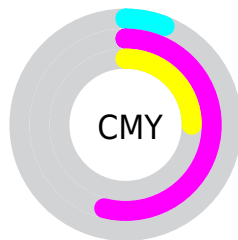
- Red (94%)
- Green (46%)
- Blue (75%)



- Red (94%)
- Yellow (46%)
- Blue (75%)



- Cyan (0%)
- Magenta (51%)
- Yellow (20%)
- Black (6%)




- Cyan (6%)
- Magenta (54%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.0536, 0.3681, 0.2490 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 35.0536, 0.3681, 0.2490 by changing the saturation by 10% instead.


 35.0536, 0.3681,
0.2490


 35.0536, 0.3681,
0.2490


324.8049, 0.3406,
0.2880


 23.7042, 0.3749,
0.2396


 67.5688, 0.3581,
0.2629

 15.1143, 0.3836,
0.2278


 89.5033, 0.3544,
0.2682

 8.8997, 0.3950,
0.2125


 115.7351, 0.3512,
0.2727

 4.6758, 0.4107,
0.1920

146.6483, 0.3485,
0.2766

 2.0583, 0.4334,
0.1633

182.6275, 0.3461,
0.2800

 0.6410, 0.4707,
0.1179

224.0571, 0.3440,

 0.0000, 0.5710,

0.2830


0.0000


271.3214, 0.3422,
0.2856


 0.0000, 0.0000,
0.0000


 35.0536, 0.3681,
0.2490


 35.0536, 0.3681,
0.2490


 29.7597, 0.3841,
0.2363


 41.8110, 0.3537,
0.2638


 25.8118, 0.4014,
0.2270

 50.1274, 0.3412,
0.2798


 23.0825, 0.4195,
0.2222


 60.0960, 0.3304,
0.2960


 21.4173, 0.4374,
0.2226

 71.8014, 0.3213,
0.3119

 20.6177, 0.4527,
0.2268

 85.3221, 0.3136,
0.3271

 96.8429, 0.3074,
0.3356

 97.2719, 0.3036,
0.3290

Harmonies

Analogous

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



35.0536, 0.2774, 0.2117



35.0536, 0.3681, 0.2490



35.0536, 0.4511, 0.3027

Triad

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



35.0536, 0.3681, 0.2490



35.0536, 0.4083, 0.4811



35.0536, 0.1635, 0.2537

Complementary

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



35.0536, 0.3681, 0.2490



68.8400, 0.2820, 0.4285

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.



35.0536, 0.1878, 0.3355



35.0536, 0.3681, 0.2490



35.0536, 0.3267, 0.4925

Square

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



35.0536, 0.3681, 0.2490



35.0536, 0.4694, 0.4281



35.0536, 0.2458, 0.4342



35.0536, 0.1710, 0.2090

Rectangle

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



35.0536, 0.3681, 0.2490



35.0536, 0.4828, 0.3434



35.0536, 0.2458, 0.4342



35.0536, 0.1679, 0.2771

Sweetspot

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



35.0553, 0.3681, 0.2490



77.0523, 0.3245, 0.3060



26.9198, 0.2495, 0.1794



15.8831, 0.3264, 0.3026



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.



35.0553, 0.3681, 0.2490



33.6539, 0.3857, 0.2353



32.8973, 0.4429, 0.3138



15.9208, 0.3198, 0.3147



11.3093, 0.4500, 0.2253



0.9603, 0.4284, 0.2134

Inverse Universe

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



35.0553, 0.3681, 0.2490



33.6539, 0.3857, 0.2353



71.5963, 0.2526, 0.3466



15.9208, 0.3198, 0.3147



11.3093, 0.4500, 0.2253



0.9603, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 35.0536, 0.3681, 0.2490 looks on a white background.

Color Contrast Check

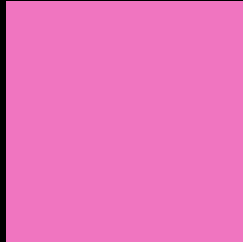
Large Text (above 18pt) WCAG AA × Fail

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 35.0536, 0.3681, 0.2490 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 35.0536, 0.3681, 0.2490

Background



This preview shows how black text looks on a background with the Yxy color 35.0536, 0.3681, 0.2490.



This preview shows how white text looks on a background with the Yxy color 35.0536, 0.3681, 0.2490.

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

35.0536, 0.3681, 0.2490

Protanopia

35.3369, 0.2502, 0.2438

Deuteranopia

35.1722, 0.2949, 0.2885



Tritanopia

35.1977, 0.4235, 0.3192

Trichromacy



Original Color

35.0536, 0.3681, 0.2490



Protanomaly

33.6452, 0.2856, 0.2427



Deuteranomaly

34.1833, 0.3195, 0.2698



Tritanomaly

35.1404, 0.4031, 0.2925

Monochromacy



Original Color

35.0536, 0.3681, 0.2490



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.5220, 0.3318, 0.2933

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0536, 0.3681, 0.2490 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, 117, 192)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 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(240, 117, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 192) }
```

Border

The CSS property to change the border of an element to Yxy 35.0536, 0.3681, 0.2490 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, 117, 192) }
```

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

```
.border{ border-color:rgb(240, 117, 192) }
```

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

Here you see how a box with a 4 pixel rgb(240, 117, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 192);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0536, 0.3681, 0.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 192) }
```

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

```
.background{ background-color: rgb(240,  
117, 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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