

Converting Colors

$Y_{xy}(34.8895, 0.3479, 0.2272)$

Have a look what the booklet for
Yxy(34.8895, 0.3479, 0.2272)
contains.

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Color

Yxy(35.0387, 0.3476, 0.2272)

Conversions

Conversions Part 1

Format	Color
Hex	F071D3
RGB	240, 113, 211
RGB Percent	94%, 44%, 83%
CMY	0.0587, 0.5569, 0.1725
CMYK	0.00, 0.53, 0.12, 0.06
HSL	314°, 81%, 69%
HSV	314°, 53%, 94%
XYZ	53.6067, 35.0387, 65.5742
YIQ	162.1450, 44.2340, 57.4020

Conversions

Conversions Part 2

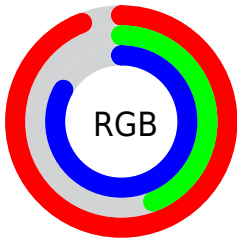
Format	Color
R _Y B	240, 113, 211
Decimal	15757779
CIE Lab	65.78, 60.61, -27.90
CIE LCh	66, 66.726, 335.285
Yxy	35.0387, 0.3476, 0.2272
Android (android.graphics.Color)	4293947859 (0xFFFF071D3)
YUV	162.1450, 24.0855, 68.2788
Hunter-Lab	59.1935, 58.0643, -24.2456

Details

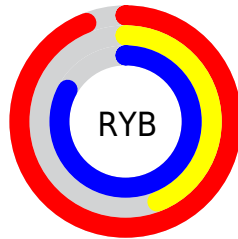
The Yxy color **35.0387, 0.3476, 0.2272** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **67.8001, 0.2914, 0.4610**, and the grayscale version is **36.0713, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.8559, 0.3167, 0.2450**, and **15.0524, 0.3554, 0.2021** is the 20% darker color. If you saturate the color by 10%, you get **30.1051, 0.3565, 0.2121**, and if you desaturate by 10%, it is **41.4008, 0.3393, 0.2449**.

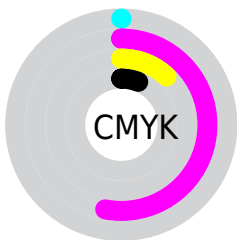
Distribution



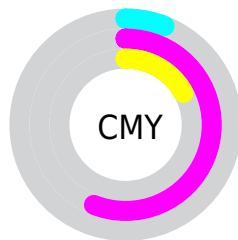
- Red (94%)
- Green (44%)
- Blue (83%)



- Red (94%)
- Yellow (44%)
- Blue (83%)



- Cyan (0%)
- Magenta (53%)
- Yellow (12%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.0387, 0.3476, 0.2272 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 35.0387, 0.3476, 0.2272 by changing the saturation by 10% instead.


 35.0387, 0.3476,
0.2272


 35.0387, 0.3476,
0.2272


324.7391, 0.3316,
0.2755


 23.6927, 0.3512,
0.2160


 67.5457, 0.3421,
0.2441

 15.1058, 0.3555,
0.2022


 89.4755, 0.3399,
0.2506

 8.8937, 0.3608,
0.1846


 115.7020, 0.3381,
0.2563

 4.6719, 0.3674,
0.1619

146.6096, 0.3364,
0.2611

 2.0561, 0.3756,
0.1317

182.5828, 0.3350,
0.2654

 0.6397, 0.3862,
0.0881

224.0058, 0.3337,

 0.0000, 0.4080,

0.2691


0.0000


271.2631, 0.3326,
0.2725


 0.0000, 0.0000,
0.0000


 35.0387, 0.3476,
0.2272


 35.0387, 0.3476,
0.2272

 30.1051, 0.3565,
0.2121


 41.4008, 0.3393,
0.2449

 26.4807, 0.3657,
0.2006


 49.2884, 0.3317,
0.2643


 24.0350, 0.3749,
0.1936

 58.7957, 0.3250,
0.2843

 22.6083, 0.3839,
0.1914

 70.0079, 0.3191,
0.3042

 22.0421, 0.3900,
0.1922

 83.0040, 0.3141,
0.3235

96.5764, 0.3098,
0.3399

96.9142, 0.3067,
0.3345

97.2621, 0.3036,
0.3291

97.2705, 0.3036,
0.3290

Harmonies

Analogous

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



35.0387, 0.2496, 0.1924



35.0387, 0.3476, 0.2272



35.0387, 0.4497, 0.2818

Triad

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



35.0387, 0.3476, 0.2272



35.0387, 0.4371, 0.4848



35.0387, 0.1503, 0.2616

Complementary

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



35.0387, 0.3476, 0.2272



67.8001, 0.2914, 0.4610

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.



35.0387, 0.1850, 0.3642



35.0387, 0.3476, 0.2272



35.0387, 0.3492, 0.5200

Square

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



35.0387, 0.3476, 0.2272



35.0387, 0.4985, 0.4173



35.0387, 0.2568, 0.4758



35.0387, 0.1507, 0.2030

Rectangle

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



35.0387, 0.3476, 0.2272



35.0387, 0.4957, 0.3247



35.0387, 0.2568, 0.4758



35.0387, 0.1577, 0.2913

Sweetspot

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



35.0404, 0.3476, 0.2272



76.0887, 0.3209, 0.2980



23.7188, 0.2298, 0.1675



15.7101, 0.3221, 0.2939



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.



35.0404, 0.3476, 0.2272



33.9274, 0.3576, 0.2104



32.5058, 0.4221, 0.2903



15.9660, 0.3173, 0.3110



12.0841, 0.3887, 0.1915



1.0202, 0.3779, 0.1855

Inverse Universe

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



35.0404, 0.3476, 0.2272



33.9274, 0.3576, 0.2104



70.2084, 0.2611, 0.3750



15.9660, 0.3173, 0.3110



12.0841, 0.3887, 0.1915



1.0202, 0.3779, 0.1855

Previews

White Background



This preview shows how the Yxy color 35.0387, 0.3476, 0.2272 looks on a white background.

Color Contrast Check

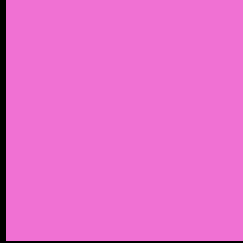
Large Text (above 18pt) WCAG AA × Fail

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 35.0387, 0.3476, 0.2272 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

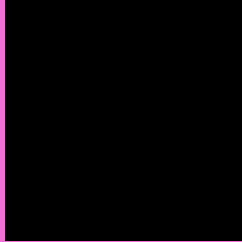
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.0387, 0.3476, 0.2272

Background



This preview shows how black text looks on a background with the Yxy color 35.0387, 0.3476, 0.2272.



This preview shows how white text looks on a background with the Yxy color 35.0387, 0.3476, 0.2272.

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

35.0387, 0.3476, 0.2272

Protanopia

35.4349, 0.2285, 0.2145

Deuteranopia

35.2459, 0.2706, 0.2643



Tritanopia

34.9851, 0.4187, 0.3190

Trichromacy



Original Color

35.0387, 0.3476, 0.2272



Protanomaly

33.3680, 0.2613, 0.2148



Deuteranomaly

33.8690, 0.2954, 0.2453



Tritanomaly

34.7941, 0.3929, 0.2833

Monochromacy



Original Color

35.0387, 0.3476, 0.2272



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.1890, 0.3251, 0.2818

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.0387, 0.3476, 0.2272 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, 113, 211)` looks like.

```
.text, #text, p{  
    color:rgb(240, 113, 211)  
}
```

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, 113, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 113, 211) }
```

Border

The CSS property to change the border of an element to Yxy 35.0387, 0.3476, 0.2272 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, 113, 211) }
```

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

```
.border{ border-color:rgb(240, 113, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 113, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 113, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 113, 211);  
box-shadow:4px 4px 4px 4px rgb(240, 113,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 35.0387, 0.3476, 0.2272 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 113, 211) }
```

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

```
.background{ background-color: rgb(240,  
113, 211) }
```

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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