

Converting Colors

Yxy(35.5252, 0.3586, 0.2185)

Have a look what the booklet for
Yxy(35.5252, 0.3586, 0.2185)
contains.

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Color

Yxy(35.5252, 0.3586, 0.2185)

Conversions

Conversions Part 1

Format	Color
Hex	FF65D8
RGB	255, 101, 216
RGB Percent	100%, 40%, 85%
CMY	0.0000, 0.6041, 0.1529
CMYK	0.00, 0.60, 0.15, 0.00
HSL	315°, 100%, 70%
HSV	315°, 60%, 100%
XYZ	58.3036, 35.5252, 68.7579
YIQ	160.1560, 54.8690, 68.4130

Conversions

Conversions Part 2

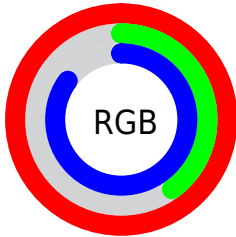
Format	Color
R _Y B	255, 101, 216
Decimal	16737752
CIE Lab	66.16, 70.72, -29.94
CIE LCh	66, 76.795, 337.054
Yxy	35.5252, 0.3586, 0.2185
Android (android.graphics.Color)	4294927832 (0xFFFF65D8)
YUV	160.1560, 27.5311, 83.1782
Hunter-Lab	59.6030, 70.3032, -26.6747

Details

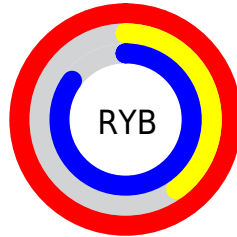
The Yxy color **35.5252, 0.3586, 0.2185** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **76.1758, 0.2882, 0.4788**, and the grayscale version is **35.0682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2763, 0.3171, 0.2357**, and **15.3774, 0.3690, 0.1921** is the 20% darker color. If you saturate the color by 10%, you get **30.9852, 0.3689, 0.2064**, and if you desaturate by 10%, it is **41.5972, 0.3487, 0.2340**.

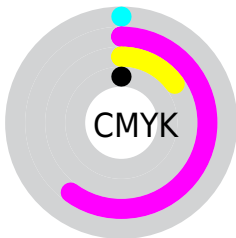
Distribution



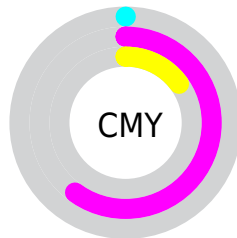
- Red (100%)
- Green (40%)
- Blue (85%)



- Red (100%)
- Yellow (40%)
- Blue (85%)



- Cyan (0%)
- Magenta (60%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (60%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 35.5252, 0.3586, 0.2185 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 35.5252, 0.3586, 0.2185 by changing the saturation by 10% instead.


 35.5252, 0.3586,
0.2185


 35.5252, 0.3586,
0.2185


326.8805, 0.3374,
0.2702

 24.0677, 0.3633,
0.2068


 68.2986, 0.3513,
0.2364

 15.3839, 0.3691,
0.1923


 90.3833, 0.3484,
0.2434

 9.0892, 0.3763,
0.1743


 116.7792, 0.3460,
0.2494

 4.7994, 0.3853,
0.1512

 147.8707, 0.3438,
0.2546

 2.1301, 0.3968,
0.1212

184.0422, 0.3419,
0.2592

 0.6815, 0.4118,
0.0804

225.6780, 0.3402,

 0.0000, 0.4415,

0.2633

0.0000

273.1627, 0.3387,
0.2669

■ 0.0000, 0.3885,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.5252, 0.3586,
0.2185

■ 35.5252, 0.3586,
0.2185

■ 30.9852, 0.3689,
0.2064

■ 41.5972, 0.3487,
0.2340

■ 27.8541, 0.3793,
0.1987


■ 49.3544, 0.3397,
0.2518

■ 25.9474, 0.3896,
0.1959

■ 58.9039, 0.3316,
0.2709

■ 24.9979, 0.3992,
0.1973

■ 70.3508, 0.3244,
0.2904

 83.7920, 0.3182,
0.3097

99.3176, 0.3129,
0.3283

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



35.5252, 0.2464, 0.1793



35.5252, 0.3586, 0.2185



35.5252, 0.4750, 0.2785

Triad

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



35.5252, 0.3586, 0.2185



35.5252, 0.4418, 0.5041



35.5252, 0.1317, 0.2451

Complementary

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



35.5252, 0.3586, 0.2185



76.1758, 0.2882, 0.4788

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.



35.5252, 0.1652, 0.3596



35.5252, 0.3586, 0.2185



35.5252, 0.3425, 0.5485

Square

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



35.5252, 0.3586, 0.2185



35.5252, 0.5161, 0.4257



35.5252, 0.2410, 0.4947



35.5252, 0.1351, 0.1852

Rectangle

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



35.5252, 0.3586, 0.2185



35.5252, 0.5241, 0.3247



35.5252, 0.2410, 0.4947



35.5252, 0.1384, 0.2771

Sweetspot

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



35.5170, 0.3585, 0.2185



73.4043, 0.3228, 0.2951



22.0477, 0.2191, 0.1445



14.9255, 0.3247, 0.2894



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.



35.5170, 0.3585, 0.2185



30.3979, 0.3705, 0.2049



32.4362, 0.4548, 0.2916



18.2172, 0.3177, 0.3114



13.0873, 0.3976, 0.1964



1.2919, 0.3869, 0.1905

Inverse Universe

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



35.5170, 0.3585, 0.2185



30.3979, 0.3705, 0.2049



79.2672, 0.2544, 0.3764



18.2172, 0.3177, 0.3114



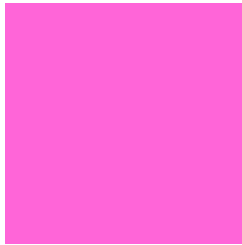
13.0873, 0.3976, 0.1964



1.2919, 0.3869, 0.1905

Previews

White Background



This preview shows how the Yxy color 35.5252, 0.3586, 0.2185 looks on a white background.

Color Contrast Check

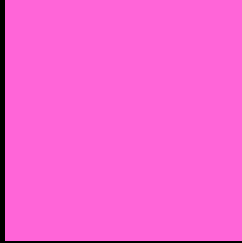
Large Text (above 18pt) WCAG AA × Fail

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 35.5252, 0.3586, 0.2185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

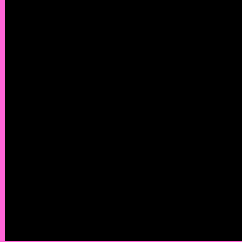
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5252, 0.3586, 0.2185

Background



This preview shows how black text looks on a background with the Yxy color 35.5252, 0.3586, 0.2185.

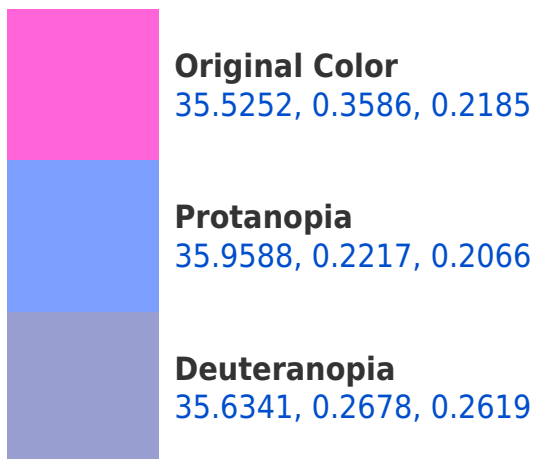


This preview shows how white text looks on a background with the Yxy color 35.5252, 0.3586, 0.2185.

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





Tritanopia

35.5788, 0.4469, 0.3210

Trichromacy



Original Color

35.5252, 0.3586, 0.2185



Protanomaly

33.0129, 0.2579, 0.2035



Deuteranomaly

33.3633, 0.2966, 0.2381



Tritanomaly

35.1941, 0.4149, 0.2804

Monochromacy



Original Color

35.5252, 0.3586, 0.2185



Achromatopsia

35.1533, 0.3127, 0.3290



Achromatomaly

33.3626, 0.3308, 0.2761

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5252, 0.3586, 0.2185 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(255, 101, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 101, 216)  
}
```

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(255, 101, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 101, 216) }
```

Border

The CSS property to change the border of an element to Yxy 35.5252, 0.3586, 0.2185 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(255, 101, 216) }
```

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

```
.border{ border-color:rgb(255, 101, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 101, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 101, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 101, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 101,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5252, 0.3586, 0.2185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 101, 216) }
```

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

```
.background{ background-color: rgb(255,  
101, 216) }
```

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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