

Converting Colors

$Y_{xy}(35.6032, 0.3616, 0.2292)$

Have a look what the booklet for
Yxy(35.6032, 0.3616, 0.2292)
contains.

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Color

Yxy(35.6032, 0.3616, 0.2292)

Conversions

Conversions Part 1

Format	Color
Hex	FA6CD0
RGB	250, 108, 208
RGB Percent	98%, 42%, 82%
CMY	0.0196, 0.5764, 0.1844
CMYK	0.00, 0.57, 0.17, 0.02
HSL	318°, 93%, 70%
HSV	318°, 57%, 98%
XYZ	56.1698, 35.6032, 63.5638
YIQ	161.8580, 52.5320, 61.2040

Conversions

Conversions Part 2

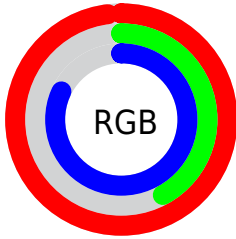
Format	Color
R _Y B	250, 108, 208
Decimal	16411856
CIE Lab	66.22, 65.21, -25.40
CIE LCh	66, 69.985, 338.718
Yxy	35.6032, 0.3616, 0.2292
Android (android.graphics.Color)	4294601936 (0xFFFA6CD0)
YUV	161.8580, 22.7480, 77.3005
Hunter-Lab	59.6684, 63.6140, -21.3928

Details

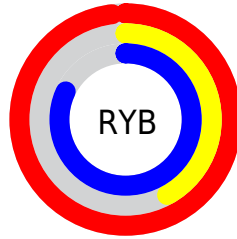
The Yxy color **35.6032, 0.3616, 0.2292** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **73.7668, 0.2861, 0.4601**, and the grayscale version is **35.9363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.3903, 0.3168, 0.2412**, and **15.3610, 0.3738, 0.2047** is the 20% darker color. If you saturate the color by 10%, you get **30.7097, 0.3737, 0.2165**, and if you desaturate by 10%, it is **42.0286, 0.3503, 0.2449**.

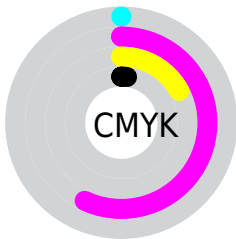
Distribution



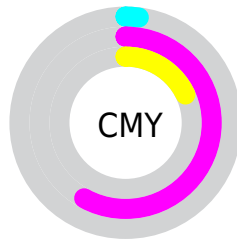
- Red (98%)
- Green (42%)
- Blue (82%)



- Red (98%)
- Yellow (42%)
- Blue (82%)



- Cyan (0%)
- Magenta (57%)
- Yellow (17%)
- Black (2%)





- Cyan (2%)
- Magenta (58%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.6032, 0.3616, 0.2292 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 35.6032, 0.3616, 0.2292 by changing the saturation by 10% instead.


 35.6032, 0.3616,
0.2292


 35.6032, 0.3616,
0.2292


327.2229, 0.3383,
0.2765


 24.1279, 0.3670,
0.2182


 68.4192, 0.3534,
0.2458

 15.4285, 0.3737,
0.2047


 90.5286, 0.3503,
0.2522

 9.1207, 0.3823,
0.1875


 116.9516, 0.3476,
0.2577

 4.8200, 0.3934,
0.1651

148.0725, 0.3452,
0.2624

 2.1420, 0.4084,
0.1354

184.2756, 0.3432,
0.2666

 0.6881, 0.4298,
0.0933

225.9455, 0.3414,

 0.0000, 0.4770,

0.2703

0.0000

273.4664, 0.3398,
0.2736

■ 0.0000, 0.5531,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 35.6032, 0.3616,
0.2292

■ 35.6032, 0.3616,
0.2292

■ 30.7097, 0.3737,
0.2165

■ 42.0286, 0.3503,
0.2449

■ 27.2096, 0.3864,
0.2078

■ 50.0983, 0.3401,
0.2624

■ 24.9482, 0.3990,
0.2040

■ 59.9202, 0.3311,
0.2808

■ 23.7276, 0.4113,
0.2051

■ 71.5914, 0.3233,
0.2992

■ 23.4590, 0.4152,
0.2061

■ 85.2019, 0.3167,
0.3172

■ 98.8971, 0.3111,
0.3315

■ 99.0649, 0.3096,
0.3290

Harmonies

Analogous

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



35.6032, 0.2571, 0.1908



35.6032, 0.3616, 0.2292



35.6032, 0.4656, 0.2869

Triad

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



35.6032, 0.3616, 0.2292



35.6032, 0.4309, 0.4966



35.6032, 0.1432, 0.2490

Complementary

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



35.6032, 0.3616, 0.2292



73.7668, 0.2861, 0.4601

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.



35.6032, 0.1740, 0.3512



35.6032, 0.3616, 0.2292



35.6032, 0.3381, 0.5283

Square

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



35.6032, 0.3616, 0.2292



35.6032, 0.4997, 0.4271



35.6032, 0.2438, 0.4720



35.6032, 0.1477, 0.1942

Rectangle

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



35.6032, 0.3616, 0.2292



35.6032, 0.5085, 0.3313



35.6032, 0.2438, 0.4720



35.6032, 0.1493, 0.2778

Sweetspot

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



35.6049, 0.3616, 0.2292



74.5929, 0.3235, 0.2988



23.9487, 0.2294, 0.1575



15.4081, 0.3250, 0.2951



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.



35.6049, 0.3616, 0.2292



31.5779, 0.3753, 0.2152



32.9101, 0.4476, 0.2980



17.4319, 0.3184, 0.3124



12.4693, 0.4133, 0.2050



1.1735, 0.3996, 0.1975

Inverse Universe

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



35.6049, 0.3616, 0.2292



31.5779, 0.3753, 0.2152



76.6903, 0.2544, 0.3668



17.4319, 0.3184, 0.3124



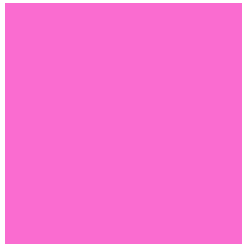
12.4693, 0.4133, 0.2050



1.1735, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 35.6032, 0.3616, 0.2292 looks on a white background.

Color Contrast Check

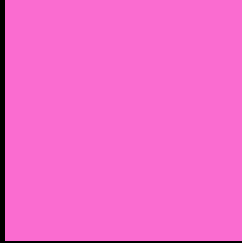
Large Text (above 18pt) WCAG AA × Fail

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 35.6032, 0.3616, 0.2292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

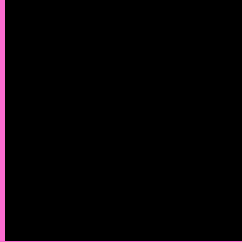
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.6032, 0.3616, 0.2292

Background



This preview shows how black text looks on a background with the Yxy color 35.6032, 0.3616, 0.2292.



This preview shows how white text looks on a background with the Yxy color 35.6032, 0.3616, 0.2292.

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

35.6032, 0.3616, 0.2292

Protanopia

35.9149, 0.2288, 0.2150

Deuteranopia

35.7919, 0.2770, 0.2712



Tritanopia

35.4431, 0.4383, 0.3197

Trichromacy



Original Color

35.6032, 0.3616, 0.2292



Protanomaly

33.6380, 0.2653, 0.2148



Deuteranomaly

34.1443, 0.3047, 0.2498



Tritanomaly

35.3597, 0.4108, 0.2846

Monochromacy



Original Color

35.6032, 0.3616, 0.2292



Achromatopsia

36.1307, 0.3127, 0.3290



Achromatomaly

34.0700, 0.3304, 0.2810

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.6032, 0.3616, 0.2292 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(250, 108, 208)` looks like.

```
.text, #text, p{  
    color:rgb(250, 108, 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(250, 108, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 108, 208) }
```

Border

The CSS property to change the border of an element to Yxy 35.6032, 0.3616, 0.2292 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(250, 108, 208) }
```

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

```
.border{ border-color:rgb(250, 108, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 108, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 108, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 108, 208);  
box-shadow:4px 4px 4px 4px rgb(250, 108,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 35.6032, 0.3616, 0.2292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 108, 208) }
```

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

```
.background{ background-color: rgb(250,  
108, 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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