

Converting Colors

Yxy(36.5091, 0.3721, 0.2363)

Have a look what the booklet for
Yxy(36.5091, 0.3721, 0.2363)
contains.

Yxy(36.5091, 0.3721, 0.2363)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.5091, 0.3721, 0.2363)

Conversions

Conversions Part 1

Format	Color
Hex	FF6DCB
RGB	255, 109, 203
RGB Percent	100%, 43%, 80%
CMY	0.0000, 0.5726, 0.2040
CMYK	0.00, 0.57, 0.20, 0.00
HSL	321°, 100%, 71%
HSV	321°, 57%, 100%
XYZ	57.4906, 36.5091, 60.5034
YIQ	163.3700, 56.8420, 60.1860

Conversions

Conversions Part 2

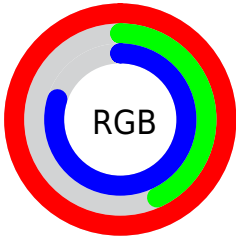
Format	Color
RYB	255, 109, 203
Decimal	16739787
CIELab	66.91, 65.49, -21.48
CIElCh	67, 68.928, 341.840
Yxy	36.5091, 0.3721, 0.2363
Android (android.graphics.Color)	4294929867 (0xFFFF6DCB)
YUV	163.3700, 19.5376, 80.3595
Hunter-Lab	60.4228, 64.0981, -17.0732

Details

The Yxy color **36.5091, 0.3721, 0.2363** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.3449, 0.2821, 0.4498**, and the grayscale version is **36.6931, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.7524, 0.3168, 0.2422**, and **15.9687, 0.3871, 0.2130** is the 20% darker color. If you saturate the color by 10%, you get **31.4132, 0.3872, 0.2249**, and if you desaturate by 10%, it is **43.2049, 0.3581, 0.2507**.

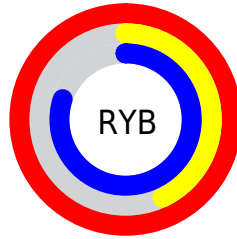
Distribution



Red (100%)

Green (43%)

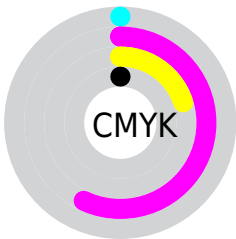
Blue (80%)



Red (100%)

Yellow (43%)

Blue (80%)

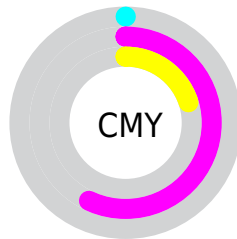


Cyan (0%)

Magenta (57%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (57%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.5091, 0.3721, 0.2363 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 36.5091, 0.3721, 0.2363 by changing the saturation by 10% instead.


 36.5091, 0.3721,
0.2363


 36.5091, 0.3721,
0.2363


331.1803, 0.3432,
0.2805


 24.8276, 0.3790,
0.2260


 69.8171, 0.3618,
0.2518

 15.9487, 0.3877,
0.2132


 92.2125, 0.3579,
0.2578

 9.4878, 0.3990,
0.1968


 118.9479, 0.3545,
0.2629

 5.0607, 0.4141,
0.1755

150.4079, 0.3517,
0.2674

 2.2829, 0.4352,
0.1466

186.9767, 0.3491,
0.2713

 0.7647, 0.4666,
0.1059

229.0387, 0.3469,

 0.0000, 0.5427,

0.2747

0.0000

276.9785, 0.3450,
0.2778

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 36.5091, 0.3721,
0.2363

■ 36.5091, 0.3721,
0.2363

■ 31.4132, 0.3872,
0.2249

■ 43.2049, 0.3581,
0.2507

■ 27.7806, 0.4032,
0.2175

■ 51.6294, 0.3457,
0.2669


■ 25.4437, 0.4193,
0.2152

■ 61.8931, 0.3348,
0.2839

■ 24.1885, 0.4349,
0.2180

■ 74.0985, 0.3255,
0.3009

 23.9455, 0.4392,
0.2193

 88.3407, 0.3176,
0.3175

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.



36.5091, 0.2679, 0.1960



36.5091, 0.3721, 0.2363



36.5091, 0.4706, 0.2947

Triad

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



36.5091, 0.3721, 0.2363



36.5091, 0.4205, 0.4994



36.5091, 0.1452, 0.2433

Complementary

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



36.5091, 0.3721, 0.2363



77.3449, 0.2821, 0.4498

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.



36.5091, 0.1719, 0.3387



36.5091, 0.3721, 0.2363



36.5091, 0.3283, 0.5221

Square

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



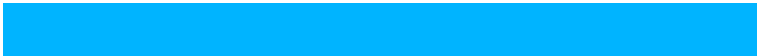
36.5091, 0.3721, 0.2363



36.5091, 0.4912, 0.4337



36.5091, 0.2369, 0.4575



36.5091, 0.1528, 0.1936

Rectangle

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



36.5091, 0.3721, 0.2363



36.5091, 0.5080, 0.3390



36.5091, 0.2369, 0.4575



36.5091, 0.1500, 0.2699

Sweetspot

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



36.5076, 0.3721, 0.2363



74.4370, 0.3253, 0.3013



25.6406, 0.2359, 0.1590



15.3711, 0.3271, 0.2979



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.



36.5076, 0.3721, 0.2363



30.6787, 0.3900, 0.2233



33.8328, 0.4621, 0.3078



18.1840, 0.3193, 0.3138



12.5416, 0.4367, 0.2180



1.2420, 0.4200, 0.2087

Inverse Universe

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



36.5076, 0.3721, 0.2363



30.6787, 0.3900, 0.2233



80.6600, 0.2500, 0.3550



18.1840, 0.3193, 0.3138



12.5416, 0.4367, 0.2180



1.2420, 0.4200, 0.2087

Previews

White Background



This preview shows how the Yxy color 36.5091, 0.3721, 0.2363 looks on a white background.

Color Contrast Check

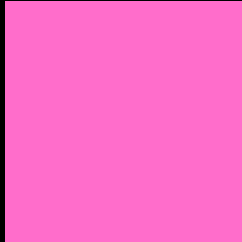
Large Text (above 18pt) WCAG AA × Fail

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 36.5091, 0.3721, 0.2363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

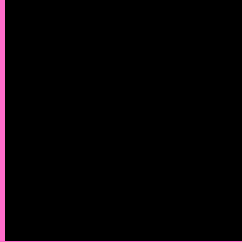
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.5091, 0.3721, 0.2363

Background



This preview shows how black text looks on a background with the Yxy color 36.5091, 0.3721, 0.2363.



This preview shows how white text looks on a background with the Yxy color 36.5091, 0.3721, 0.2363.

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

36.5091, 0.3721, 0.2363

Protanopia

37.0749, 0.2362, 0.2258

Deuteranopia

36.5229, 0.2860, 0.2797



Tritanopia

36.3449, 0.4432, 0.3199

Trichromacy



Original Color

36.5091, 0.3721, 0.2363



Protanomaly

34.4758, 0.2741, 0.2243



Deuteranomaly

34.8627, 0.3141, 0.2577



Tritanomaly

36.2061, 0.4182, 0.2877

Monochromacy



Original Color

36.5091, 0.3721, 0.2363



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

34.5950, 0.3333, 0.2839

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.5091, 0.3721, 0.2363 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, 109, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 109, 203)  
}
```

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, 109, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 109, 203) }
```

Border

The CSS property to change the border of an element to Yxy 36.5091, 0.3721, 0.2363 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, 109, 203) }
```

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

```
.border{ border-color:rgb(255, 109, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 109, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 109, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 109, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 109,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 36.5091, 0.3721, 0.2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 109, 203) }
```

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

```
.background{ background-color: rgb(255,  
109, 203) }
```

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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