

Converting Colors

Yxy(34.7530, 0.3589, 0.2154)

Have a look what the booklet for
Yxy(34.7530, 0.3589, 0.2154)
contains.

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Color

Yxy(34.7673, 0.3590, 0.2155)

Conversions

Conversions Part 1

Format	Color
Hex	FF61D8
RGB	255, 97, 216
RGB Percent	100%, 38%, 85%
CMY	0.0000, 0.6197, 0.1528
CMYK	0.00, 0.62, 0.15, 0.00
HSL	315°, 100%, 69%
HSV	315°, 62%, 100%
XYZ	57.9186, 34.7673, 68.6473
YIQ	157.8080, 55.9690, 70.5050

Conversions

Conversions Part 2

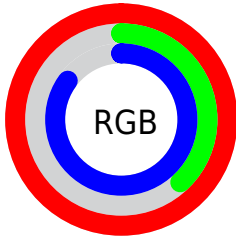
Format	Color
R _Y B	255, 97, 216
Decimal	16736728
CIE Lab	65.57, 72.32, -30.86
CIE LCh	66, 78.628, 336.889
Yxy	34.7673, 0.3590, 0.2155
Android (android.graphics.Color)	4294926808 (0xFFFF61D8)
YUV	157.8080, 28.6887, 85.2374
Hunter-Lab	58.9638, 72.1493, -27.7524

Details

The Yxy color **34.7673, 0.3590, 0.2155** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **75.8361, 0.2884, 0.4846**, and the grayscale version is **33.9442, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2569, 0.3172, 0.2329**, and **15.0058, 0.3696, 0.1889** is the 20% darker color. If you saturate the color by 10%, you get **30.4680, 0.3690, 0.2040**, and if you desaturate by 10%, it is **40.5879, 0.3494, 0.2306**.

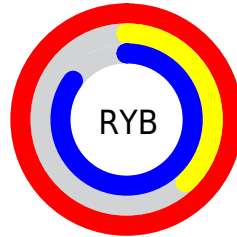
Distribution



Red (100%)

Green (38%)

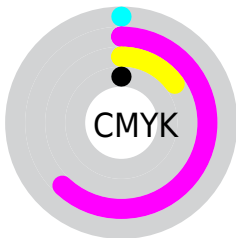
Blue (85%)



Red (100%)

Yellow (38%)

Blue (85%)

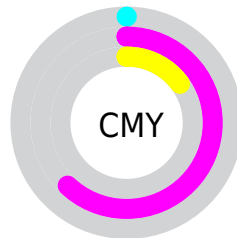


Cyan (0%)

Magenta (62%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (62%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.7673, 0.3590, 0.2155 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 34.7673, 0.3590, 0.2155 by changing the saturation by 10% instead.


 34.7673, 0.3590,
0.2155


 34.7673, 0.3590,
0.2155


323.5400, 0.3377,
0.2685

 23.4837, 0.3638,
0.2035


 67.1251, 0.3517,
0.2339


 14.9511, 0.3695,
0.1887


 88.9681, 0.3488,
0.2411

 8.7850, 0.3767,
0.1702


 115.0997, 0.3463,
0.2472

 4.6012, 0.3856,
0.1467

 145.9042, 0.3441,
0.2526

 2.0153, 0.3968,
0.1162

181.7661, 0.3422,
0.2573

 0.6163, 0.4118,
0.0739

223.0698, 0.3405,

 0.0000, 0.4372,

0.2615

0.0000

270.1996, 0.3390,
0.2652

0.0000, 0.3712,
0.0000

0.0000, 0.0000,
0.0000

34.7673, 0.3590,
0.2155

34.7673, 0.3590,
0.2155

30.4680, 0.3690,
0.2040

40.5879, 0.3494,
0.2306

27.5460, 0.3792,
0.1969


48.0682, 0.3404,
0.2482


25.8164, 0.3891,
0.1947

57.3229, 0.3323,
0.2674

25.0712, 0.3968,
0.1960

68.4585, 0.3252,
0.2870

 81.5730, 0.3190,
0.3065

 96.7577, 0.3137,
0.3254

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.



34.7673, 0.2439, 0.1758



34.7673, 0.3590, 0.2155



34.7673, 0.4793, 0.2763

Triad

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



34.7673, 0.3590, 0.2155



34.7673, 0.4442, 0.5071



34.7673, 0.1277, 0.2427

Complementary

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



34.7673, 0.3590, 0.2155



75.8361, 0.2884, 0.4846

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.



34.7673, 0.1615, 0.3610



34.7673, 0.3590, 0.2155



34.7673, 0.3425, 0.5553

Square

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



34.7673, 0.3590, 0.2155



34.7673, 0.5210, 0.4259



34.7673, 0.2389, 0.5015



34.7673, 0.1311, 0.1818

Rectangle

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



34.7673, 0.3590, 0.2155



34.7673, 0.5301, 0.3232



34.7673, 0.2389, 0.5015



34.7673, 0.1344, 0.2756

Sweetspot

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



34.7649, 0.3590, 0.2155



72.1422, 0.3233, 0.2929



20.8212, 0.2144, 0.1389



14.6813, 0.3251, 0.2872



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.



34.7649, 0.3590, 0.2155



29.7689, 0.3711, 0.2021



31.6727, 0.4571, 0.2885



18.2193, 0.3176, 0.3113



13.1252, 0.3953, 0.1951



1.2953, 0.3849, 0.1894

Inverse Universe

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



34.7649, 0.3590, 0.2155



29.7689, 0.3711, 0.2021



78.8572, 0.2547, 0.3812



18.2193, 0.3176, 0.3113



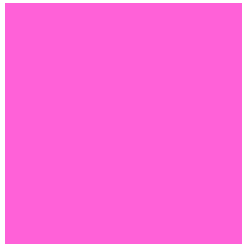
13.1252, 0.3953, 0.1951



1.2953, 0.3849, 0.1894

Previews

White Background



This preview shows how the Yxy color 34.7673, 0.3590, 0.2155 looks on a white background.

Color Contrast Check

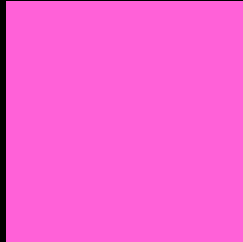
Large Text (above 18pt) WCAG AA × Fail

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 34.7673, 0.3590, 0.2155 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

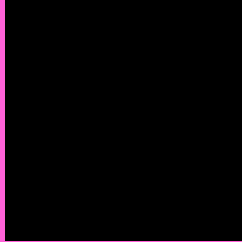
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.7673, 0.3590, 0.2155

Background



This preview shows how black text looks on a background with the Yxy color 34.7673, 0.3590, 0.2155.

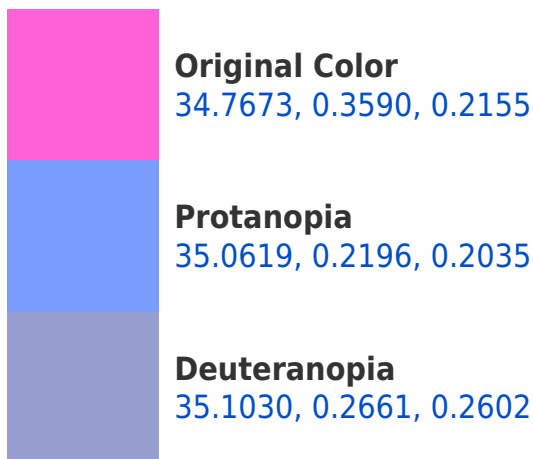


This preview shows how white text looks on a background with the Yxy color 34.7673, 0.3590, 0.2155.

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

34.5843, 0.4513, 0.3210

Trichromacy



Original Color

34.7673, 0.3590, 0.2155



Protanomaly

32.2249, 0.2560, 0.2006



Deuteranomaly

32.6725, 0.2956, 0.2354



Tritanomaly

34.2661, 0.4175, 0.2794

Monochromacy



Original Color

34.7673, 0.3590, 0.2155



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.2004, 0.3301, 0.2730

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.7673, 0.3590, 0.2155 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, 97, 216)` looks like.

```
.text, #text, p{  
  color:rgb(255, 97, 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, 97, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 97, 216) }
```

Border

The CSS property to change the border of an element to Yxy 34.7673, 0.3590, 0.2155 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, 97, 216) }
```

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

```
.border{ border-color:rgb(255, 97, 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, 97, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 97, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 97, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 97,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 34.7673, 0.3590, 0.2155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 97, 216) }
```

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

```
.background{ background-color: rgb(255, 97,  
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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