

Converting Colors

$Y_{xy}(34.5246, 0.3684, 0.2271)$

Have a look what the booklet for
Yxy(34.5246, 0.3684, 0.2271)
contains.

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Color

Yxy(34.4106, 0.3680, 0.2269)

Conversions

Conversions Part 1

Format	Color
Hex	FC65CD
RGB	252, 101, 205
RGB Percent	99%, 40%, 80%
CMY	0.0118, 0.6038, 0.1962
CMYK	0.00, 0.60, 0.19, 0.01
HSL	319°, 96%, 69%
HSV	319°, 60%, 99%
XYZ	55.8092, 34.4106, 61.4356
YIQ	158.0050, 56.6120, 64.3560

Conversions

Conversions Part 2

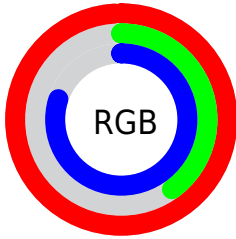
Format	Color
R _Y B	252, 101, 205
Decimal	16541133
CIE Lab	65.29, 68.31, -25.12
CIE LCh	65, 72.785, 339.814
Yxy	34.4106, 0.3680, 0.2269
Android (android.graphics.Color)	4294731213 (0xFFFC65CD)
YUV	158.0050, 23.1685, 82.4336
Hunter-Lab	58.6605, 67.1675, -21.0324

Details

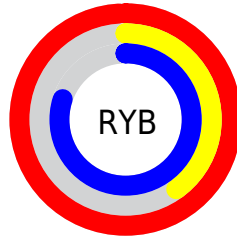
The Yxy color **34.4106, 0.3680, 0.2269** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **74.5171, 0.2844, 0.4655**, and the grayscale version is **34.0731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2763, 0.3171, 0.2357**, and **14.7640, 0.3813, 0.2011** is the 20% darker color. If you saturate the color by 10%, you get **29.8750, 0.3811, 0.2156**, and if you desaturate by 10%, it is **40.4681, 0.3557, 0.2415**.

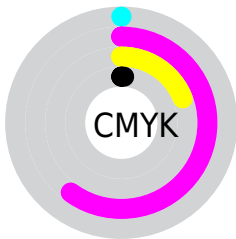
Distribution



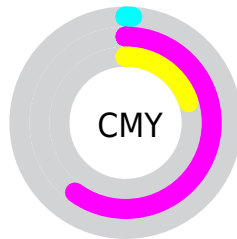
- Red (99%)
- Green (40%)
- Blue (80%)



- Red (99%)
- Yellow (40%)
- Blue (80%)



- Cyan (0%)
- Magenta (60%)
- Yellow (19%)
- Black (1%)





- Cyan (1%)
- Magenta (60%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4106, 0.3680, 0.2269 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 34.4106, 0.3680, 0.2269 by changing the saturation by 10% instead.

 34.4106, 0.3680,
0.2269


 34.4106, 0.3680,
0.2269


321.9590, 0.3414,
0.2755


 23.2092, 0.3743,
0.2156


 66.5717, 0.3586,
0.2439


 14.7481, 0.3821,
0.2016


 88.3002, 0.3550,
0.2505

 8.6428, 0.3921,
0.1839


 114.3065, 0.3519,
0.2561

 4.5089, 0.4053,
0.1609

 144.9750, 0.3492,
0.2610

 1.9621, 0.4233,
0.1302

180.6901, 0.3469,
0.2653

 0.5853, 0.4507,
0.0846

221.8362, 0.3449,

 0.0000, 0.5023,

0.2691

0.0000

268.7977, 0.3430,
0.2725

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.4106, 0.3680,
0.2269

■ 34.4106, 0.3680,
0.2269

■ 29.8750, 0.3811,
0.2156

■ 40.4681, 0.3557,
0.2415

■ 26.7139, 0.3946,
0.2087

■ 48.1669, 0.3446,
0.2582

■ 24.7596, 0.4081,
0.2067

■ 57.6201, 0.3348,
0.2761

■ 23.7364, 0.4211,
0.2094

■ 68.9294, 0.3262,
0.2943

■ 23.7281, 0.4212,
0.2094

■ 82.1888, 0.3189,
0.3121

■ 97.4856, 0.3127,
0.3292

■ 99.4318, 0.3109,
0.3290

Harmonies

Analogous

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



34.4106, 0.2578, 0.1865



34.4106, 0.3680, 0.2269



34.4106, 0.4767, 0.2868

Triad

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



34.4106, 0.3680, 0.2269



34.4106, 0.4309, 0.5051



34.4106, 0.1363, 0.2415

Complementary

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



34.4106, 0.3680, 0.2269



74.5171, 0.2844, 0.4655

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.



34.4106, 0.1659, 0.3469



34.4106, 0.3680, 0.2269



34.4106, 0.3338, 0.5388

Square

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



34.4106, 0.3680, 0.2269



34.4106, 0.5050, 0.4317



34.4106, 0.2364, 0.4767



34.4106, 0.1423, 0.1871

Rectangle

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



34.4106, 0.3680, 0.2269



34.4106, 0.5196, 0.3326



34.4106, 0.2364, 0.4767



34.4106, 0.1418, 0.2708

Sweetspot

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



34.4123, 0.3680, 0.2269



73.2432, 0.3247, 0.2977



22.4817, 0.2257, 0.1487



14.8859, 0.3270, 0.2924



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.



34.4123, 0.3680, 0.2269



29.8861, 0.3840, 0.2137



31.6510, 0.4629, 0.2996



17.4271, 0.3186, 0.3128



12.3902, 0.4191, 0.2083



1.1666, 0.4044, 0.2002

Inverse Universe

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



34.4123, 0.3680, 0.2269



29.8861, 0.3840, 0.2137



77.6401, 0.2514, 0.3660



17.4271, 0.3186, 0.3128



12.3902, 0.4191, 0.2083



1.1666, 0.4044, 0.2002

Previews

White Background



This preview shows how the Yxy color 34.4106, 0.3680, 0.2269 looks on a white background.

Color Contrast Check

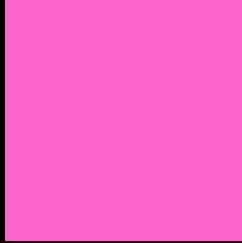
Large Text (above 18pt) WCAG AA × Fail

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 34.4106, 0.3680, 0.2269 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

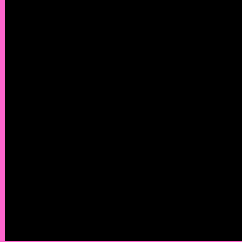
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4106, 0.3680, 0.2269

Background



This preview shows how black text looks on a background with the Yxy color 34.4106, 0.3680, 0.2269.



This preview shows how white text looks on a background with the Yxy color 34.4106, 0.3680, 0.2269.

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

34.4106, 0.3680, 0.2269

Protanopia

34.8523, 0.2254, 0.2115

Deuteranopia

34.7310, 0.2781, 0.2731



Tritanopia

34.4039, 0.4503, 0.3210

Trichromacy



Original Color

34.4106, 0.3680, 0.2269



Protanomaly

32.0924, 0.2631, 0.2102



Deuteranomaly

32.6790, 0.3074, 0.2490



Tritanomaly

34.1670, 0.4212, 0.2843

Monochromacy



Original Color

34.4106, 0.3680, 0.2269



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.1929, 0.3331, 0.2791

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4106, 0.3680, 0.2269 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(252, 101, 205)` looks like.

```
.text, #text, p{  
    color:rgb(252, 101, 205)  
}
```

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(252, 101, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 101, 205) }
```

Border

The CSS property to change the border of an element to Yxy 34.4106, 0.3680, 0.2269 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(252, 101, 205) }
```

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

```
.border{ border-color:rgb(252, 101, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 101, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 101, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 101, 205);  
box-shadow:4px 4px 4px 4px rgb(252, 101,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4106, 0.3680, 0.2269 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 101, 205) }
```

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

```
.background{ background-color: rgb(252,  
101, 205) }
```

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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