

Converting Colors

Yxy(34.5491, 0.3868, 0.2410)

Have a look what the booklet for
Yxy(34.5491, 0.3868, 0.2410)
contains.

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Color

Yxy(34.5685, 0.3863, 0.2406)

Conversions

Conversions Part 1

Format	Color
Hex	FF66C0
RGB	255, 102, 192
RGB Percent	100%, 40%, 75%
CMY	0.0000, 0.5999, 0.2471
CMYK	0.00, 0.60, 0.25, 0.00
HSL	325°, 100%, 70%
HSV	325°, 60%, 100%
XYZ	55.5021, 34.5685, 53.6056
YIQ	158.0070, 62.2980, 60.4260

Conversions

Conversions Part 2

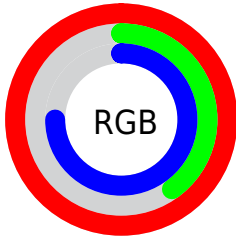
Format	Color
R_{YB}	255, 102, 192
Decimal	16737984
CIE _{Lab}	65.41, 67.01, -17.56
CIE _{LCh}	65, 69.272, 345.316
Yxy	34.5685, 0.3863, 0.2406
Android (android.graphics.Color)	4294928064 (0xFFFF66C0)
YUV	158.0070, 16.7585, 85.0629
Hunter-Lab	58.7950, 65.6118, -12.9004

Details

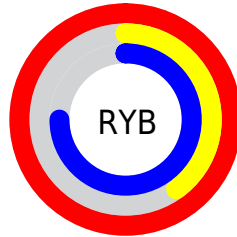
The Yxy color **34.5685, 0.3863, 0.2406** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **77.0592, 0.2776, 0.4453**, and the grayscale version is **34.0997, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.1789, 0.3227, 0.2425**, and **14.8881, 0.4081, 0.2184** is the 20% darker color. If you saturate the color by 10%, you get **29.8554, 0.4047, 0.2313**, and if you desaturate by 10%, it is **40.8591, 0.3694, 0.2532**.

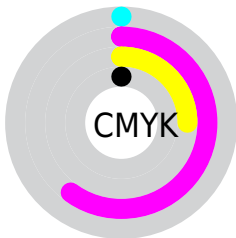
Distribution



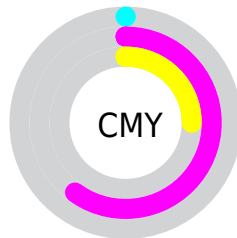
- Red (100%)
- Green (40%)
- Blue (75%)



- Red (100%)
- Yellow (40%)
- Blue (75%)



- Cyan (0%)
- Magenta (60%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (60%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.5685, 0.3863, 0.2406 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 34.5685, 0.3863, 0.2406 by changing the saturation by 10% instead.


 34.5685, 0.3863,
0.2406


 34.5685, 0.3863,
0.2406


322.6596, 0.3496,
0.2835


 23.3307, 0.3954,
0.2304


 66.8168, 0.3730,
0.2558


 14.8379, 0.4070,
0.2176


 88.5960, 0.3680,
0.2616

 8.7057, 0.4223,
0.2011


 114.6578, 0.3637,
0.2666

 4.5497, 0.4433,
0.1792

 145.3866, 0.3601,
0.2709

 1.9856, 0.4737,
0.1492

181.1668, 0.3569,
0.2746

 0.5991, 0.5234,
0.1020

222.3828, 0.3542,

 0.0000, 0.6388,

0.2779

0.0000

269.4189, 0.3517,
0.2809

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 34.5685, 0.3863,
0.2406

■ 34.5685, 0.3863,
0.2406

■ 29.8554, 0.4047,
0.2313

■ 40.8591, 0.3694,
0.2532

■ 26.5675, 0.4241,
0.2264

■ 48.8506, 0.3543,
0.2677

■ 24.5311, 0.4435,
0.2267

■ 58.6601, 0.3412,
0.2833

■ 23.4602, 0.4623,
0.2320

■ 70.3926, 0.3300,
0.2990

■ 23.4594, 0.4623,
0.2320

■ 84.1453, 0.3206,
0.3144

99.9987, 0.3127,
0.3290

Harmonies

Analogous

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



34.5685, 0.2780, 0.1972



34.5685, 0.3863, 0.2406



34.5685, 0.4830, 0.3013

Triad

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



34.5685, 0.3863, 0.2406



34.5685, 0.4117, 0.5086



34.5685, 0.1415, 0.2330

Complementary

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



34.5685, 0.3863, 0.2406



77.0592, 0.2776, 0.4453

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.



34.5685, 0.1639, 0.3250



34.5685, 0.3863, 0.2406



34.5685, 0.3166, 0.5244

Square

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



34.5685, 0.3863, 0.2406



34.5685, 0.4878, 0.4433



34.5685, 0.2255, 0.4479



34.5685, 0.1530, 0.1878

Rectangle

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



34.5685, 0.3863, 0.2406



34.5685, 0.5156, 0.3466



34.5685, 0.2255, 0.4479



34.5685, 0.1449, 0.2582

Sweetspot

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



34.5702, 0.3863, 0.2406



72.9716, 0.3280, 0.3021



24.5347, 0.2374, 0.1535



14.8194, 0.3310, 0.2976



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.



34.5702, 0.3863, 0.2406



29.0874, 0.4086, 0.2299



32.0571, 0.4835, 0.3149



18.1663, 0.3202, 0.3151



12.2892, 0.4593, 0.2304



1.2183, 0.4392, 0.2193

Inverse Universe

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



34.5702, 0.3863, 0.2406



29.0874, 0.4086, 0.2299



80.6146, 0.2450, 0.3470



18.1663, 0.3202, 0.3151



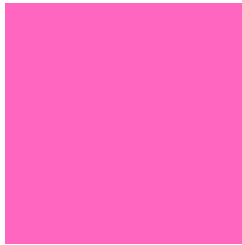
12.2892, 0.4593, 0.2304



1.2183, 0.4392, 0.2193

Previews

White Background



This preview shows how the Yxy color 34.5685, 0.3863, 0.2406 looks on a white background.

Color Contrast Check

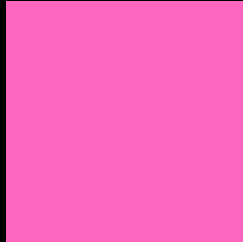
Large Text (above 18pt) WCAG AA × Fail

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 34.5685, 0.3863, 0.2406 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 34.5685, 0.3863, 0.2406

Background



This preview shows how black text looks on a background with the Yxy color 34.5685, 0.3863, 0.2406.

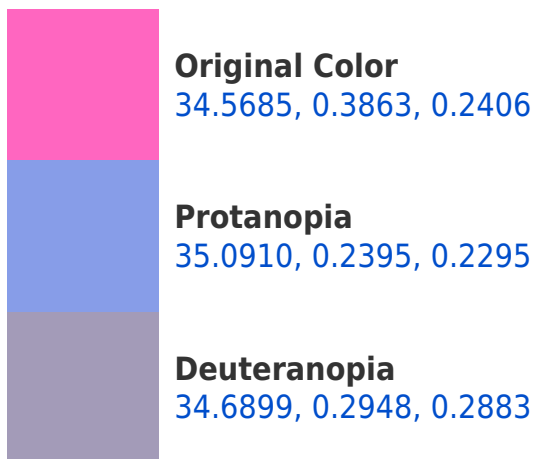


This preview shows how white text looks on a background with the Yxy color 34.5685, 0.3863, 0.2406.

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

34.6030, 0.4577, 0.3212

Trichromacy



Original Color

34.5685, 0.3863, 0.2406



Protanomaly

32.4848, 0.2814, 0.2282



Deuteranomaly

32.9319, 0.3251, 0.2641



Tritanomaly

34.2996, 0.4323, 0.2903

Monochromacy



Original Color

34.5685, 0.3863, 0.2406



Achromatopsia

34.1914, 0.3127, 0.3290



Achromatomaly

32.4167, 0.3392, 0.2868

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5685, 0.3863, 0.2406 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, 102, 192)` looks like.

```
.text, #text, p{  
    color:rgb(255, 102, 192)  
}
```

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, 102, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 102, 192) }
```

Border

The CSS property to change the border of an element to Yxy 34.5685, 0.3863, 0.2406 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, 102, 192) }
```

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

```
.border{ border-color:rgb(255, 102, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 102, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 102, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 102, 192);  
box-shadow:4px 4px 4px 4px rgb(255, 102,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5685, 0.3863, 0.2406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 102, 192) }
```

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

```
.background{ background-color: rgb(255,  
102, 192) }
```

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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