

Converting Colors

$Y_{xy}(40.7541, 0.3451, 0.2445)$

Have a look what the booklet for
Yxy(40.7541, 0.3451, 0.2445)
contains.

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Color

Yxy(40.6848, 0.3450, 0.2442)

Conversions

Conversions Part 1

Format	Color
Hex	F385D6
RGB	243, 133, 214
RGB Percent	95%, 52%, 84%
CMY	0.0472, 0.4783, 0.1608
CMYK	0.00, 0.45, 0.12, 0.05
HSL	316°, 82%, 74%
HSV	316°, 45%, 95%
XYZ	57.4785, 40.6848, 68.4411
YIQ	175.1240, 39.5590, 48.5110

Conversions

Conversions Part 2

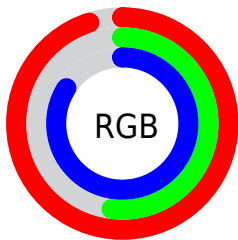
Format	Color
R_{YB}	243, 133, 214
Decimal	15959510
CIE _{Lab}	69.95, 52.33, -23.13
CIE _{LCh}	70, 57.212, 336.158
Yxy	40.6848, 0.3450, 0.2442
Android (android.graphics.Color)	4294149590 (0xFFFF385D6)
YUV	175.1240, 19.1659, 59.5273
Hunter-Lab	63.7846, 49.2294, -18.9691

Details

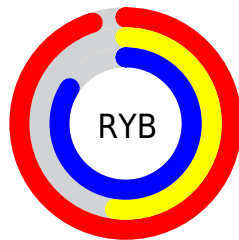
The Yxy color **40.6848, 0.3450, 0.2442** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **71.6789, 0.2917, 0.4334**, and the grayscale version is **42.8238, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8752, 0.3157, 0.2644**, and **18.4095, 0.3531, 0.2237** is the 20% darker color. If you saturate the color by 10%, you get **34.4632, 0.3548, 0.2276**, and if you desaturate by 10%, it is **48.4616, 0.3361, 0.2626**.

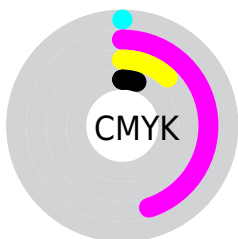
Distribution



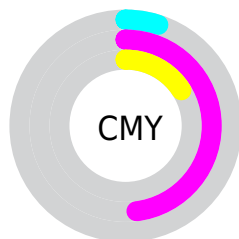
- Red (95%)
- Green (52%)
- Blue (84%)



- Red (95%)
- Yellow (52%)
- Blue (84%)



- Cyan (0%)
- Magenta (45%)
- Yellow (12%)
- Black (5%)





- Cyan (5%)
- Magenta (48%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6848, 0.3450, 0.2442 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 40.6848, 0.3450, 0.2442 by changing the saturation by 10% instead.


 40.6848, 0.3450,
0.2442


 40.6848, 0.3450,
0.2442


349.0015, 0.3300,
0.2842


 28.0729, 0.3484,
0.2349


 76.2052, 0.3398,
0.2582

 18.3806, 0.3526,
0.2235


 99.8824, 0.3378,
0.2636

 11.2236, 0.3578,
0.2089


 128.0169, 0.3360,
0.2683

 6.2174, 0.3645,
0.1898

160.9930, 0.3345,
0.2723

 2.9777, 0.3733,
0.1641

199.1951, 0.3332,
0.2758

 1.1201, 0.3851,
0.1281

243.0076, 0.3320,

 0.0000, 0.4332,

0.2790

0.0000

292.8150, 0.3310,
0.2817

0.0000, 0.3520,
0.0000

0.0000, 0.0000,
0.0000

40.6848, 0.3450,
0.2442

40.6848, 0.3450,
0.2442

34.4632, 0.3548,
0.2276

48.4616, 0.3361,
0.2626

29.6835, 0.3653,
0.2138

57.8852, 0.3282,
0.2817

26.2259, 0.3762,
0.2039

69.0472, 0.3213,
0.3009

23.9488, 0.3872,
0.1986

82.0303, 0.3154,
0.3195

■ 22.6779, 0.3978,
0.1982

■ 96.9122, 0.3104,
0.3373

■ 22.3014, 0.4028,
0.1992

■ 97.6232, 0.3068,
0.3315

■ 97.7889, 0.3053,
0.3290

Harmonies

Analogous

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



40.6848, 0.2631, 0.2131



40.6848, 0.3450, 0.2442



40.6848, 0.4268, 0.2926

Triad

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



40.6848, 0.3450, 0.2442



40.6848, 0.4188, 0.4632



40.6848, 0.1745, 0.2738

Complementary

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



40.6848, 0.3450, 0.2442



71.6789, 0.2917, 0.4334

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.



40.6848, 0.2054, 0.3563



40.6848, 0.3450, 0.2442



40.6848, 0.3450, 0.4834

Square

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



40.6848, 0.3450, 0.2442



40.6848, 0.4682, 0.4108



40.6848, 0.2668, 0.4432



40.6848, 0.1748, 0.2232

Rectangle

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



40.6848, 0.3450, 0.2442



40.6848, 0.4638, 0.3306



40.6848, 0.2668, 0.4432



40.6848, 0.1812, 0.2983

Sweetspot

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



40.6867, 0.3450, 0.2442



78.7086, 0.3206, 0.3032



30.7785, 0.2470, 0.1941



16.2225, 0.3220, 0.2991



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.



40.6867, 0.3450, 0.2442



39.1522, 0.3537, 0.2293



38.3877, 0.4032, 0.2992



16.6894, 0.3178, 0.3117



12.2670, 0.4012, 0.1984



1.0950, 0.3888, 0.1916

Inverse Universe

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



40.6867, 0.3450, 0.2442



39.1522, 0.3537, 0.2293



74.0016, 0.2648, 0.3626



16.6894, 0.3178, 0.3117



12.2670, 0.4012, 0.1984



1.0950, 0.3888, 0.1916

Previews

White Background



This preview shows how the Yxy color 40.6848, 0.3450, 0.2442 looks on a white background.

Color Contrast Check

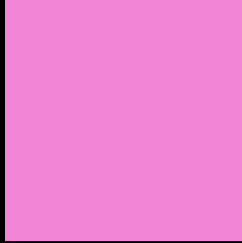
Large Text (above 18pt) WCAG AA × Fail

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 40.6848, 0.3450, 0.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

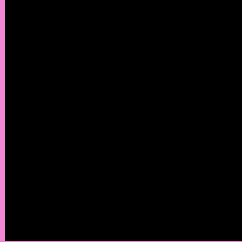
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.6848, 0.3450, 0.2442

Background



This preview shows how black text looks on a background with the Yxy color 40.6848, 0.3450, 0.2442.

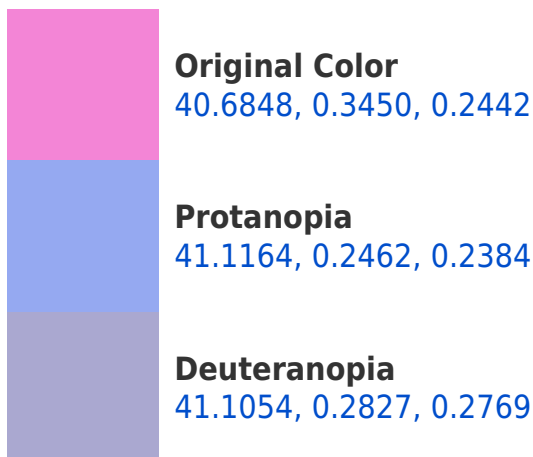


This preview shows how white text looks on a background with the Yxy color 40.6848, 0.3450, 0.2442.

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

40.4840, 0.3969, 0.3168

Trichromacy



Original Color

40.6848, 0.3450, 0.2442



Protanomaly

39.6137, 0.2757, 0.2382



Deuteranomaly

39.9661, 0.3040, 0.2619



Tritanomaly

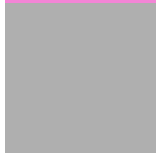
40.5748, 0.3783, 0.2893

Monochromacy



Original Color

40.6848, 0.3450, 0.2442



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

41.0951, 0.3247, 0.2928

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6848, 0.3450, 0.2442 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(243, 133, 214)` looks like.

```
.text, #text, p{  
    color:rgb(243, 133, 214)  
}
```

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(243, 133, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 133, 214) }
```

Border

The CSS property to change the border of an element to Yxy 40.6848, 0.3450, 0.2442 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(243, 133, 214) }
```

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

```
.border{ border-color:rgb(243, 133, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 133, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 133, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 133, 214);  
box-shadow:4px 4px 4px 4px rgb(243, 133,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6848, 0.3450, 0.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 133, 214) }
```

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

```
.background{ background-color: rgb(243,  
133, 214) }
```

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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