

Converting Colors

$Y_{xy}(40.5261, 0.3613, 0.2557)$

Have a look what the booklet for
Yxy(40.5261, 0.3613, 0.2557)
contains.

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Color

Yxy(40.5410, 0.3613, 0.2558)

Conversions

Conversions Part 1

Format	Color
Hex	F784CA
RGB	247, 132, 202
RGB Percent	97%, 52%, 79%
CMY	0.0315, 0.4822, 0.2078
CMYK	0.00, 0.47, 0.18, 0.03
HSL	323°, 88%, 74%
HSV	323°, 47%, 97%
XYZ	57.2614, 40.5410, 60.6847
YIQ	174.3650, 46.0700, 46.1500

Conversions

Conversions Part 2

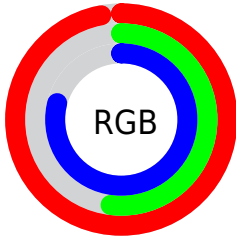
Format	Color
R _Y B	247, 132, 202
Decimal	16221386
CIE Lab	69.85, 52.23, -16.57
CIE LCh	70, 54.798, 342.402
Yxy	40.5410, 0.3613, 0.2558
Android (android.graphics.Color)	4294411466 (0xFFFF784CA)
YUV	174.3650, 13.6241, 63.7009
Hunter-Lab	63.6718, 49.1031, -11.9382

Details

The Yxy color **40.5410, 0.3613, 0.2558** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.5843, 0.2839, 0.4176**, and the grayscale version is **42.4389, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4464, 0.3158, 0.2634**, and **18.2783, 0.3736, 0.2370** is the 20% darker color. If you saturate the color by 10%, you get **34.1739, 0.3766, 0.2420**, and if you desaturate by 10%, it is **48.5259, 0.3477, 0.2713**.

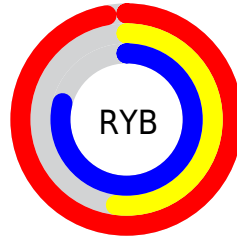
Distribution



Red (97%)

Green (52%)

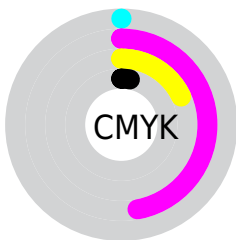
Blue (79%)



Red (97%)

Yellow (52%)

Blue (79%)

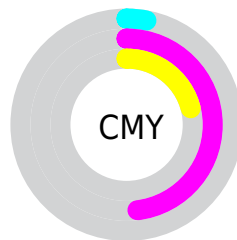


Cyan (0%)

Magenta (47%)

Yellow (18%)

Black (3%)



Cyan (3%)


Magenta (48%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5410, 0.3613, 0.2558 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 40.5410, 0.3613, 0.2558 by changing the saturation by 10% instead.

 40.5410, 0.3613,
0.2558


 40.5410, 0.3613,
0.2558


348.3986, 0.3376,
0.2909


 27.9606, 0.3670,
0.2475


 75.9866, 0.3528,
0.2682

 18.2960, 0.3742,
0.2372


 99.6206, 0.3496,
0.2729

 11.1627, 0.3836,
0.2239


 127.7080, 0.3469,
0.2770

 6.1764, 0.3962,
0.2063

160.6331, 0.3445,
0.2805

 2.9526, 0.4142,
0.1819

198.7803, 0.3425,
0.2836

 1.1070, 0.4415,
0.1466

242.5340, 0.3407,

 0.0000, 0.5365,

0.2863

0.0000

292.2786, 0.3391,
0.2887

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.5410, 0.3613,
0.2558

40.5410, 0.3613,
0.2558

34.1739, 0.3766,
0.2420

48.5259, 0.3477,
0.2713

29.3046, 0.3935,
0.2310

58.2258, 0.3359,
0.2874

25.8060, 0.4113,
0.2239

69.7370, 0.3259,
0.3036

23.5266, 0.4295,
0.2219

83.1470, 0.3175,
0.3192

■ 22.2768, 0.4473,
0.2252

■ 98.2101, 0.3104,
0.3335

■ 21.9817, 0.4533,
0.2271

■ 98.5084, 0.3078,
0.3290

Harmonies

Analogous

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



40.5410, 0.2802, 0.2216



40.5410, 0.3613, 0.2558



40.5410, 0.4353, 0.3054

Triad

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



40.5410, 0.3613, 0.2558



40.5410, 0.4020, 0.4660



40.5410, 0.1769, 0.2634

Complementary

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



40.5410, 0.3613, 0.2558



74.5843, 0.2839, 0.4176

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.



40.5410, 0.2007, 0.3373



40.5410, 0.3613, 0.2558



40.5410, 0.3284, 0.4737

Square

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



40.5410, 0.3613, 0.2558



40.5410, 0.4556, 0.4203



40.5410, 0.2546, 0.4229



40.5410, 0.1831, 0.2210

Rectangle

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



40.5410, 0.3613, 0.2558



40.5410, 0.4644, 0.3431



40.5410, 0.2546, 0.4229



40.5410, 0.1814, 0.2849

Sweetspot

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



40.5429, 0.3613, 0.2558



78.4326, 0.3237, 0.3076



32.4641, 0.2567, 0.1939



16.1549, 0.3256, 0.3042



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.



40.5429, 0.3613, 0.2558



37.0223, 0.3759, 0.2425



38.3365, 0.4251, 0.3150



16.6520, 0.3198, 0.3147



11.6575, 0.4505, 0.2256



1.0447, 0.4298, 0.2142

Inverse Universe

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



40.5429, 0.3613, 0.2558



37.0223, 0.3759, 0.2425



77.3253, 0.2566, 0.3448



16.6520, 0.3198, 0.3147



11.6575, 0.4505, 0.2256



1.0447, 0.4298, 0.2142

Previews

White Background



This preview shows how the Yxy color 40.5410, 0.3613, 0.2558 looks on a white background.

Color Contrast Check

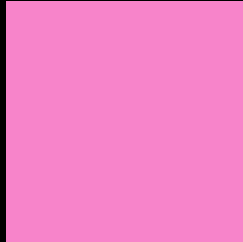
Large Text (above 18pt) WCAG AA × Fail

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 40.5410, 0.3613, 0.2558 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

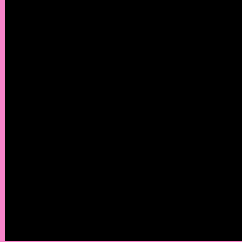
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5410, 0.3613, 0.2558

Background



This preview shows how black text looks on a background with the Yxy color 40.5410, 0.3613, 0.2558.

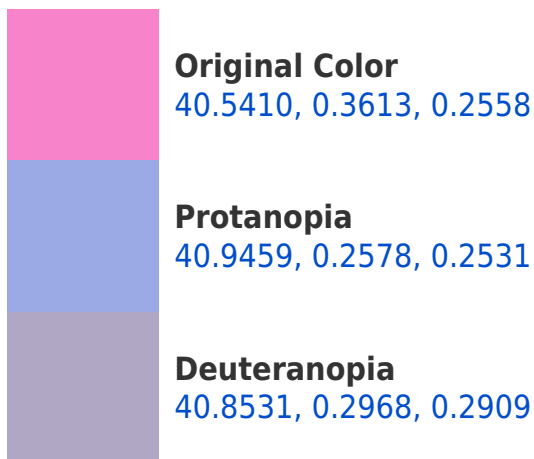


This preview shows how white text looks on a background with the Yxy color 40.5410, 0.3613, 0.2558.

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

40.5232, 0.4073, 0.3171

Trichromacy



Original Color

40.5410, 0.3613, 0.2558



Protanomaly

39.5828, 0.2888, 0.2517



Deuteranomaly

39.7450, 0.3190, 0.2750



Tritanomaly

40.3503, 0.3907, 0.2933

Monochromacy



Original Color

40.5410, 0.3613, 0.2558



Achromatopsia

42.3268, 0.3127, 0.3290



Achromatomaly

40.6745, 0.3304, 0.2977

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5410, 0.3613, 0.2558 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(247, 132, 202)` looks like.

```
.text, #text, p{  
    color:rgb(247, 132, 202)  
}
```

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(247, 132, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 132, 202) }
```

Border

The CSS property to change the border of an element to Yxy 40.5410, 0.3613, 0.2558 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(247, 132, 202) }
```

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

```
.border{ border-color:rgb(247, 132, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 132, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 132, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 132, 202);  
box-shadow:4px 4px 4px 4px rgb(247, 132,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5410, 0.3613, 0.2558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 132, 202) }
```

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

```
.background{ background-color: rgb(247,  
132, 202) }
```

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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