

Converting Colors

$Y_{xy}(41.2190, 0.3395, 0.2449)$

Have a look what the booklet for
Yxy(41.2190, 0.3395, 0.2449)
contains.

Yxy(41.3745, 0.3397, 0.2454)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.3745, 0.3397, 0.2454)

Conversions

Conversions Part 1

Format	Color
Hex	F089D8
RGB	240, 137, 216
RGB Percent	94%, 54%, 85%
CMY	0.0589, 0.4627, 0.1528
CMYK	0.00, 0.43, 0.10, 0.06
HSL	314°, 77%, 74%
HSV	314°, 43%, 94%
XYZ	57.2735, 41.3745, 69.9522
YIQ	176.8030, 36.0290, 46.4050

Conversions

Conversions Part 2

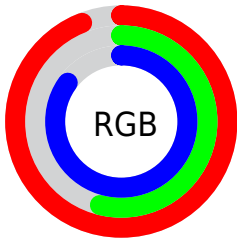
Format	Color
R_{YB}	240, 137, 216
Decimal	15763928
CIE _{Lab}	70.44, 49.74, -23.54
CIE _{LCh}	70, 55.035, 334.671
Yxy	41.3745, 0.3397, 0.2454
Android (android.graphics.Color)	4293954008 (0xFFFF089D8)
YUV	176.8030, 19.3241, 55.4238
Hunter-Lab	64.3230, 46.3719, -19.4527

Details

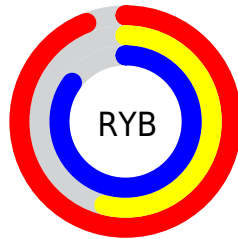
The Yxy color **41.3745, 0.3397, 0.2454** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **70.2007, 0.2942, 0.4311**, and the grayscale version is **43.7425, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.6199, 0.3156, 0.2683**, and **18.7048, 0.3458, 0.2245** is the 20% darker color. If you saturate the color by 10%, you get **35.0110, 0.3482, 0.2277**, and if you desaturate by 10%, it is **49.2688, 0.3320, 0.2647**.

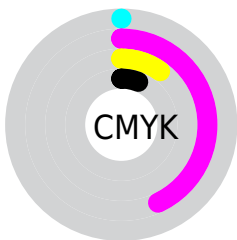
Distribution



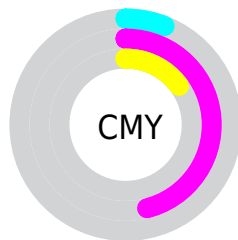
- Red (94%)
- Green (54%)
- Blue (85%)



- Red (94%)
- Yellow (54%)
- Blue (85%)



- Cyan (0%)
- Magenta (43%)
- Yellow (10%)
- Black (6%)




- Cyan (6%)
- Magenta (46%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3745, 0.3397, 0.2454 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 41.3745, 0.3397, 0.2454 by changing the saturation by 10% instead.

 41.3745, 0.3397,
0.2454


 41.3745, 0.3397,
0.2454


351.8834, 0.3274,
0.2848


 28.6118, 0.3424,
0.2363


 77.2521, 0.3355,
0.2592

 18.7874, 0.3458,
0.2250


 101.1358, 0.3338,
0.2645

 11.5167, 0.3499,
0.2107


 129.4952, 0.3324,
0.2691

 6.4155, 0.3551,
0.1920

162.7149, 0.3311,
0.2731

 3.0994, 0.3617,
0.1667

201.1792, 0.3300,
0.2765

 1.1838, 0.3700,
0.1313

245.2724, 0.3290,

 0.0484, 0.4062,

0.2796

0.0148

295.3790, 0.3282,
0.2824

0.0000, 0.2967,
0.0000

0.0000, 0.0000,
0.0000

41.3745, 0.3397,
0.2454

41.3745, 0.3397,
0.2454

35.0110, 0.3482,
0.2277

49.2688, 0.3320,
0.2647

30.0708, 0.3572,
0.2127


58.7806, 0.3252,
0.2846

26.4414, 0.3666,
0.2013


69.9970, 0.3192,
0.3044

23.9908, 0.3760,
0.1943


82.9972, 0.3141,
0.3236

 22.5595, 0.3852,
0.1922

 96.5701, 0.3098,
0.3399

 21.9893, 0.3915,
0.1930

 96.9143, 0.3066,
0.3344

 97.2620, 0.3035,
0.3290

Harmonies

Analogous

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



41.3745, 0.2619, 0.2163



41.3745, 0.3397, 0.2454



41.3745, 0.4186, 0.2917

Triad

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



41.3745, 0.3397, 0.2454



41.3745, 0.4183, 0.4563



41.3745, 0.1803, 0.2798

Complementary

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



41.3745, 0.3397, 0.2454



70.2007, 0.2942, 0.4311

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.



41.3745, 0.2121, 0.3598



41.3745, 0.3397, 0.2454



41.3745, 0.3482, 0.4766

Square

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



41.3745, 0.3397, 0.2454



41.3745, 0.4635, 0.4058



41.3745, 0.2726, 0.4409



41.3745, 0.1790, 0.2291

Rectangle

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



41.3745, 0.3397, 0.2454



41.3745, 0.4553, 0.3283



41.3745, 0.2726, 0.4409



41.3745, 0.1874, 0.3039

Sweetspot

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



41.3764, 0.3397, 0.2454



80.1561, 0.3193, 0.3041



31.5892, 0.2485, 0.2011



16.5107, 0.3205, 0.2998



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.



41.3764, 0.3397, 0.2454



41.3371, 0.3466, 0.2307



39.1771, 0.3924, 0.2969



15.9648, 0.3173, 0.3111



12.0609, 0.3901, 0.1923



1.0184, 0.3791, 0.1862

Inverse Universe

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



41.3764, 0.3397, 0.2454



41.3371, 0.3466, 0.2307



72.3222, 0.2685, 0.3649



15.9648, 0.3173, 0.3111



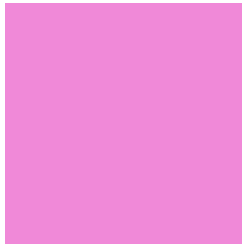
12.0609, 0.3901, 0.1923



1.0184, 0.3791, 0.1862

Previews

White Background



This preview shows how the Yxy color 41.3745, 0.3397, 0.2454 looks on a white background.

Color Contrast Check

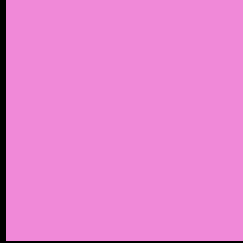
Large Text (above 18pt) WCAG AA × Fail

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 41.3745, 0.3397, 0.2454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

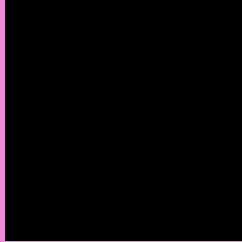
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3745, 0.3397, 0.2454

Background



This preview shows how black text looks on a background with the Yxy color 41.3745, 0.3397, 0.2454.

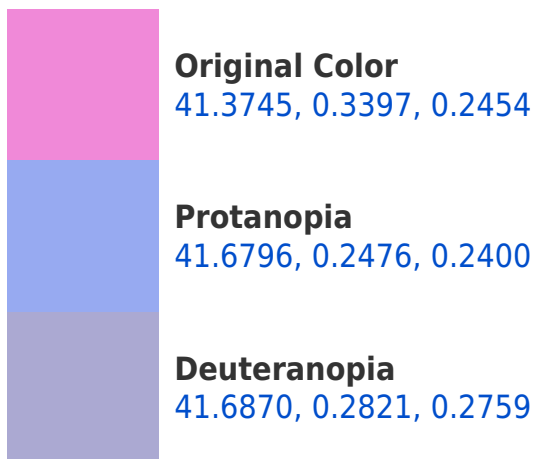


This preview shows how white text looks on a background with the Yxy color 41.3745, 0.3397, 0.2454.

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

41.3566, 0.3881, 0.3166

Trichromacy



Original Color

41.3745, 0.3397, 0.2454



Protanomaly

40.3472, 0.2751, 0.2397



Deuteranomaly

40.6032, 0.3014, 0.2620



Tritanomaly

41.3790, 0.3711, 0.2900

Monochromacy



Original Color

41.3745, 0.3397, 0.2454



Achromatopsia

43.9657, 0.3127, 0.3290



Achromatomaly

41.8816, 0.3228, 0.2929

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3745, 0.3397, 0.2454 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(240, 137, 216)` looks like.

```
.text, #text, p{  
    color:rgb(240, 137, 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(240, 137, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 137, 216) }
```

Border

The CSS property to change the border of an element to Yxy 41.3745, 0.3397, 0.2454 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(240, 137, 216) }
```

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

```
.border{ border-color:rgb(240, 137, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 137, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 137, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 137, 216);  
box-shadow:4px 4px 4px 4px rgb(240, 137,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3745, 0.3397, 0.2454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 137, 216) }
```

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

```
.background{ background-color: rgb(240,  
137, 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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