

Converting Colors

$Y_{xy}(40.0313, 0.4085, 0.2909)$

Have a look what the booklet for
Yxy(40.0313, 0.4085, 0.2909)
contains.

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Color

Yxy(40.0153, 0.4086, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	FF82A7
RGB	255, 130, 167
RGB Percent	100%, 51%, 65%
CMY	0.0000, 0.4902, 0.3450
CMYK	0.00, 0.49, 0.34, 0.00
HSL	342°, 100%, 75%
HSV	342°, 49%, 100%
XYZ	56.2057, 40.0153, 41.3358
YIQ	171.5930, 62.6230, 38.0070

Conversions

Conversions Part 2

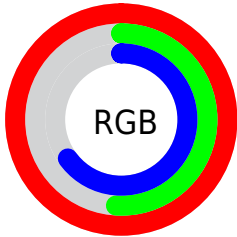
Format	Color
R _Y B	255, 130, 167
Decimal	16745127
CIE Lab	69.48, 51.23, 2.56
CIE LCh	69, 51.293, 2.864
Yxy	40.0153, 0.4086, 0.2909
Android (android.graphics.Color)	4294935207 (0xFFFF82A7)
YUV	171.5930, -2.2643, 73.1479
Hunter-Lab	63.2576, 47.9001, 5.5372

Details

The Yxy color $40.0153, 0.4086, 0.2909$ is a light color, and the websafe version is hex FF6699 . A complement of this color would be $81.3245, 0.2644, 0.3732$, and the grayscale version is $41.0239, 0.3127, 0.3290$.

A 20% lighter version of the original color is $61.6517, 0.3414, 0.2924$, and $18.0088, 0.4376, 0.2796$ is the 20% darker color. If you saturate the color by 10%, you get $33.4320, 0.4405, 0.2850$, and if you desaturate by 10%, it is $48.3673, 0.3812, 0.2983$.

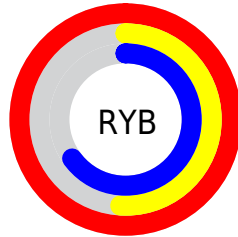
Distribution



Red (100%)

Green (51%)

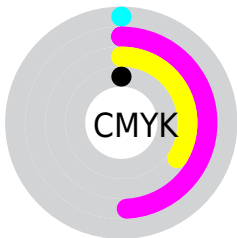
Blue (65%)



Red (100%)

Yellow (51%)

Blue (65%)

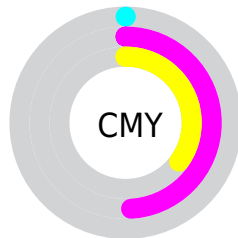


Cyan (0%)

Magenta (49%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.0153, 0.4086, 0.2909 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 40.0153, 0.4086, 0.2909 by changing the saturation by 10% instead.


 40.0153, 0.4086,
0.2909


 40.0153, 0.4086,
0.2909


346.1881, 0.3595,
0.3107

 27.5505, 0.4211,
0.2857


 75.1868, 0.3905,
0.2983

 17.9871, 0.4374,
0.2790


 98.6623, 0.3838,
0.3010

 10.9407, 0.4592,
0.2699


 126.5768, 0.3781,
0.3033

 6.0270, 0.4900,
0.2569

159.3146, 0.3733,
0.3052

 2.8615, 0.5360,
0.2370

197.2603, 0.3691,
0.3069

 1.0599, 0.6109,
0.2038

240.7982, 0.3655,

 0.0000, 1.0000,

0.3083

0.0000

290.3126, 0.3623,
0.3096

■ 0.0000, 0.0000,
0.0000

■ 40.0153, 0.4086,
0.2909

■ 40.0153, 0.4086,
0.2909

■ 33.4320, 0.4405,
0.2850

■ 48.3673, 0.3812,
0.2983

■ 28.4929, 0.4761,
0.2818

■ 58.6109, 0.3583,
0.3064

■ 25.0477, 0.5133,
0.2824

■ 70.8512, 0.3394,
0.3145

■ 22.9209, 0.5490,
0.2877

■ 85.1872, 0.3241,
0.3223

■ 21.8543, 0.5796,
0.2972

100.0000, 0.3127,
0.3290

■ 21.7757, 0.5824,
0.2982

Harmonies

Analogous

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



40.0153, 0.3337, 0.2473



40.0153, 0.4086, 0.2909



40.0153, 0.4558, 0.3442

Triad

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



40.0153, 0.4086, 0.2909



40.0153, 0.3514, 0.4680



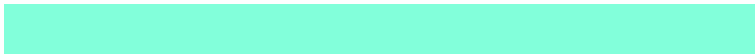
40.0153, 0.1847, 0.2366

Complementary

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



40.0153, 0.4086, 0.2909



81.3245, 0.2644, 0.3732

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.



40.0153, 0.1879, 0.2870



40.0153, 0.4086, 0.2909



40.0153, 0.2794, 0.4372

Square

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



40.0153, 0.4086, 0.2909



40.0153, 0.4168, 0.4478



40.0153, 0.2203, 0.3632



40.0153, 0.2094, 0.2157

Rectangle

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



40.0153, 0.4086, 0.2909



40.0153, 0.4619, 0.3815



40.0153, 0.2203, 0.3632



40.0153, 0.1826, 0.2500

Sweetspot

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



40.0133, 0.4086, 0.2909



76.3631, 0.3329, 0.3177



38.0100, 0.2856, 0.1981



15.7177, 0.3362, 0.3160



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.



40.0133, 0.4086, 0.2909



33.4459, 0.4404, 0.2850



46.3109, 0.4372, 0.3553



18.0756, 0.3247, 0.3220



11.4010, 0.5782, 0.2959



1.1283, 0.5461, 0.2782

Inverse Universe

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



40.0133, 0.4086, 0.2909



33.4459, 0.4404, 0.2850



68.5572, 0.2426, 0.2993



18.0756, 0.3247, 0.3220



11.4010, 0.5782, 0.2959



1.1283, 0.5461, 0.2782

Previews

White Background



This preview shows how the Yxy color 40.0153, 0.4086, 0.2909 looks on a white background.

Color Contrast Check

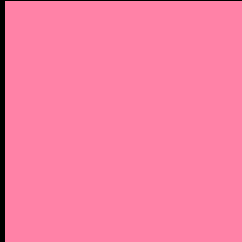
Large Text (above 18pt) WCAG AA × Fail

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 40.0153, 0.4086, 0.2909 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 40.0153, 0.4086, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 40.0153, 0.4086, 0.2909.

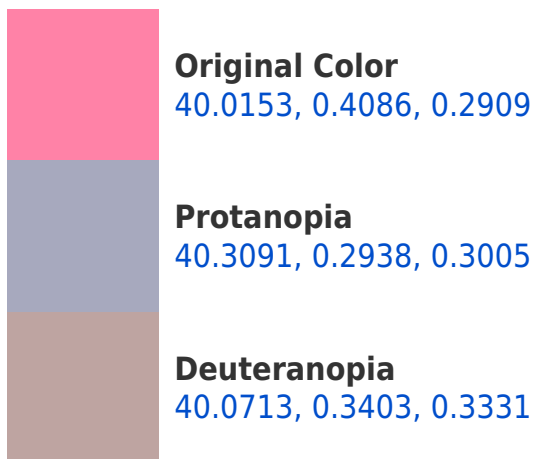


This preview shows how white text looks on a background with the Yxy color 40.0153, 0.4086, 0.2909.

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

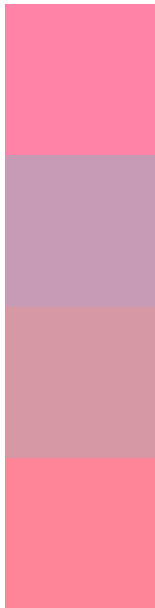




Tritanopia

39.9465, 0.4316, 0.3189

Trichromacy



Original Color

40.0153, 0.4086, 0.2909

Protanomaly

38.9622, 0.3308, 0.2948

Deuteranomaly

39.3970, 0.3651, 0.3156

Tritanomaly

40.1129, 0.4238, 0.3095

Monochromacy



Original Color

40.0153, 0.4086, 0.2909

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.5728, 0.3449, 0.3126

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.0153, 0.4086, 0.2909 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, 130, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 167)  
}
```

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, 130, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 167) }
```

Border

The CSS property to change the border of an element to Yxy 40.0153, 0.4086, 0.2909 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, 130, 167) }
```

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

```
.border{ border-color:rgb(255, 130, 167) }
```

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

Here you see how a box with a 4 pixel rgb(255, 130, 167) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 40.0153, 0.4086, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 167) }
```

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

```
.background{ background-color: rgb(255,  
130, 167) }
```

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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