

Converting Colors

Yxy(50.4672, 0.3859, 0.2433)

Have a look what the booklet for
Yxy(50.4672, 0.3859, 0.2433)
contains.

Yxy(41.1115, 0.3465, 0.2296)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.1115, 0.3465, 0.2296)

Conversions

Conversions Part 1

Format	Color
Hex	FF7CE1
RGB	255, 124, 225
RGB Percent	100%, 49%, 88%
CMY	0.0000, 0.5138, 0.1176
CMYK	0.00, 0.51, 0.12, 0.00
HSL	314°, 100%, 74%
HSV	314°, 51%, 100%
XYZ	62.0433, 41.1115, 75.9023
YIQ	174.6830, 45.6550, 59.1830

Conversions

Conversions Part 2

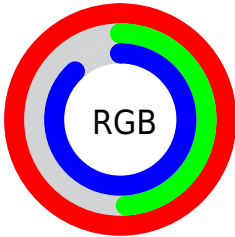
Format	Color
R _Y B	255, 124, 225
Decimal	16743649
CIE _{Lab}	70.25, 61.95, -28.62
CIE _{LCh}	70, 68.241, 335.202
Yxy	41.1115, 0.3465, 0.2296
Android (android.graphics.Color)	4294933729 (0xFFFF7CE1)
YUV	174.6830, 24.8063, 70.4380
Hunter-Lab	64.1183, 60.5165, -25.3039

Details

The Yxy color **41.1115, 0.3465, 0.2296** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **78.1373, 0.2917, 0.4568**, and the grayscale version is **42.5467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.5277, 0.3161, 0.2565**, and **18.6146, 0.3548, 0.2068** is the 20% darker color. If you saturate the color by 10%, you get **35.2111, 0.3553, 0.2140**, and if you desaturate by 10%, it is **48.6719, 0.3382, 0.2477**.

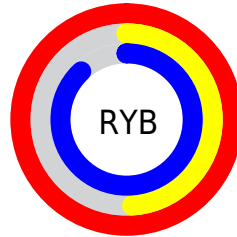
Distribution



Red (100%)

Green (49%)

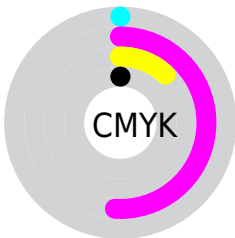
Blue (88%)



Red (100%)

Yellow (49%)

Blue (88%)

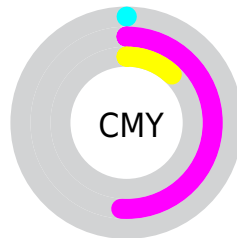


Cyan (0%)

Magenta (51%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (51%)


Yellow (12%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.1115, 0.3465, 0.2296 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 41.1115, 0.3465, 0.2296 by changing the saturation by 10% instead.


 41.1115, 0.3465,
0.2296

 41.1115, 0.3465,
0.2296


350.7864, 0.3314,
0.2756


 28.4062, 0.3498,
0.2192


 76.8531, 0.3414,
0.2455

 18.6321, 0.3537,
0.2065


 100.6583, 0.3393,
0.2517

 11.4047, 0.3585,
0.1906


 128.9321, 0.3376,
0.2570

 6.3398, 0.3645,
0.1703

162.0591, 0.3360,
0.2617

 3.0528, 0.3718,
0.1436

200.4237, 0.3347,
0.2658

 1.1593, 0.3804,
0.1080

244.4101, 0.3334,

 0.0281, 0.4115,

0.2694

0.0066

294.4029, 0.3323,
0.2727

■ 0.0000, 0.3707,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 41.1115, 0.3465,
0.2296

■ 41.1115, 0.3465,
0.2296

■ 35.2111, 0.3553,
0.2140

■ 48.6719, 0.3382,
0.2477

■ 30.8449, 0.3646,
0.2020

■ 58.0131, 0.3307,
0.2672

■ 27.8616, 0.3739,
0.1943

■ 69.2394, 0.3241,
0.2873

■ 26.0813, 0.3829,
0.1915

■ 82.4485, 0.3183,
0.3072

■ 25.2736, 0.3905,
0.1925

■ 97.7312, 0.3133,
0.3264

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



41.1115, 0.2512, 0.1955



41.1115, 0.3465, 0.2296



41.1115, 0.4454, 0.2832

Triad

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



41.1115, 0.3465, 0.2296



41.1115, 0.4349, 0.4812



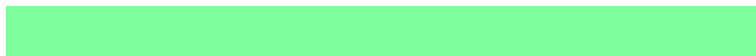
41.1115, 0.1542, 0.2642

Complementary

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



41.1115, 0.3465, 0.2296



78.1373, 0.2917, 0.4568

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.



41.1115, 0.1887, 0.3637



41.1115, 0.3465, 0.2296



41.1115, 0.3493, 0.5140

Square

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



41.1115, 0.3465, 0.2296



41.1115, 0.4940, 0.4160



41.1115, 0.2591, 0.4709



41.1115, 0.1543, 0.2065

Rectangle

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



41.1115, 0.3465, 0.2296



41.1115, 0.4902, 0.3253



41.1115, 0.2591, 0.4709



41.1115, 0.1616, 0.2932

Sweetspot

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



41.1100, 0.3465, 0.2296



77.4256, 0.3203, 0.3000



28.3455, 0.2324, 0.1721



15.9735, 0.3215, 0.2958



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.



41.1100, 0.3465, 0.2296



34.8949, 0.3559, 0.2132



38.2507, 0.4177, 0.2911



18.2250, 0.3173, 0.3109



13.2299, 0.3891, 0.1917



1.3047, 0.3797, 0.1865

Inverse Universe

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



41.1100, 0.3465, 0.2296



34.8949, 0.3559, 0.2132



80.8603, 0.2620, 0.3736



18.2250, 0.3173, 0.3109



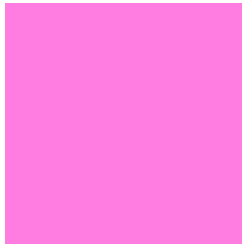
13.2299, 0.3891, 0.1917



1.3047, 0.3797, 0.1865

Previews

White Background



This preview shows how the Yxy color 41.1115, 0.3465, 0.2296 looks on a white background.

Color Contrast Check

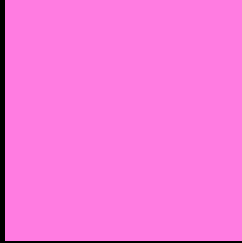
Large Text (above 18pt) WCAG AA × Fail

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 41.1115, 0.3465, 0.2296 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

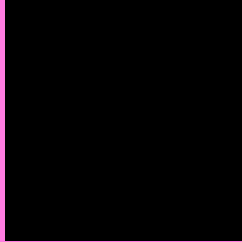
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.1115, 0.3465, 0.2296

Background



This preview shows how black text looks on a background with the Yxy color 41.1115, 0.3465, 0.2296.



This preview shows how white text looks on a background with the Yxy color 41.1115, 0.3465, 0.2296.

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



Original Color

41.1115, 0.3465, 0.2296

Protanopia

41.4356, 0.2351, 0.2236

Deuteranopia

41.3850, 0.2724, 0.2670



Tritanopia

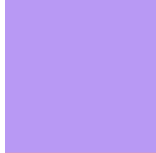
41.0583, 0.4148, 0.3185

Trichromacy



Original Color

41.1115, 0.3465, 0.2296



Protanomaly

39.5045, 0.2672, 0.2223



Deuteranomaly

39.9555, 0.2966, 0.2490



Tritanomaly

40.8663, 0.3896, 0.2837

Monochromacy



Original Color

41.1115, 0.3465, 0.2296



Achromatopsia

42.8690, 0.3127, 0.3290



Achromatomaly

40.4646, 0.3253, 0.2836

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.1115, 0.3465, 0.2296 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, 124, 225)` looks like.

```
.text, #text, p{  
    color:rgb(255, 124, 225)  
}
```

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, 124, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 124, 225) }
```

Border

The CSS property to change the border of an element to Yxy 41.1115, 0.3465, 0.2296 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, 124, 225) }
```

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

```
.border{ border-color:rgb(255, 124, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 124, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 124, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 124, 225);  
box-shadow:4px 4px 4px 4px rgb(255, 124,  
225) }
```


Background

The CSS property to change the background color of an element to Yxy 41.1115, 0.3465, 0.2296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 124, 225) }
```

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

```
.background{ background-color: rgb(255,  
124, 225) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor