

Converting Colors

Yxy(46.1081, 0.3617, 0.2662)

Have a look what the booklet for
Yxy(46.1081, 0.3617, 0.2662)
contains.

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Color

Yxy(46.0158, 0.3615, 0.2656)

Conversions

Conversions Part 1

Format	Color
Hex	FF91CF
RGB	255, 145, 207
RGB Percent	100%, 57%, 81%
CMY	0.0000, 0.4314, 0.1883
CMYK	0.00, 0.43, 0.19, 0.00
HSL	326°, 100%, 78%
HSV	326°, 43%, 100%
XYZ	62.6307, 46.0158, 64.6058
YIQ	184.9580, 45.6580, 42.6020

Conversions

Conversions Part 2

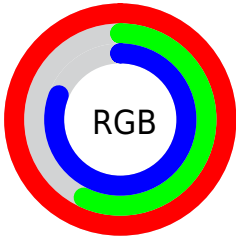
Format	Color
R _Y B	255, 145, 207
Decimal	16749007
CIE Lab	73.56, 49.08, -13.65
CIE LCh	74, 50.945, 344.453
Yxy	46.0158, 0.3615, 0.2656
Android (android.graphics.Color)	4294939087 (0xFFFF91CF)
YUV	184.9580, 10.8667, 61.4268
Hunter-Lab	67.8349, 46.0944, -8.9831

Details

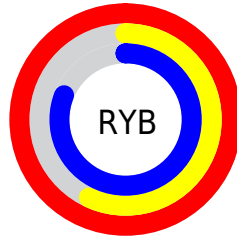
The Yxy color **46.0158, 0.3615, 0.2656** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **81.3904, 0.2830, 0.4037**, and the grayscale version is **48.4090, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2533, 0.3152, 0.2762**, and **21.5178, 0.3735, 0.2492** is the 20% darker color. If you saturate the color by 10%, you get **38.5521, 0.3782, 0.2521**, and if you desaturate by 10%, it is **55.2654, 0.3469, 0.2804**.

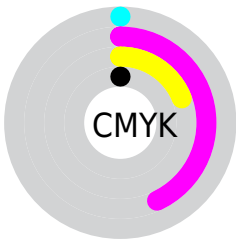
Distribution



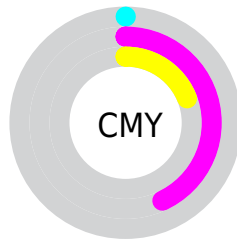
- Red (100%)
- Green (57%)
- Blue (81%)



- Red (100%)
- Yellow (57%)
- Blue (81%)



- Cyan (0%)
- Magenta (43%)
- Yellow (19%)
- Black (0%)





- Cyan (0%)
- Magenta (43%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0158, 0.3615, 0.2656 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 46.0158, 0.3615, 0.2656 by changing the saturation by 10% instead.


 46.0158, 0.3615,
0.2656


 46.0158, 0.3615,
0.2656


370.8722, 0.3379,
0.2957

 32.2583, 0.3671,
0.2586


 84.2426, 0.3531,
0.2762

 21.5589, 0.3742,
0.2498


 109.4808, 0.3499,
0.2802

 13.5331, 0.3834,
0.2387


139.3145, 0.3472,
0.2837

 7.7967, 0.3958,
0.2239

174.1284, 0.3448,
0.2867

 3.9651, 0.4133,
0.2036

214.3067, 0.3428,
0.2894

 1.6541, 0.4397,
0.1740

260.2338, 0.3410,

 0.3936, 0.4950,

0.2917

0.1080

312.2942, 0.3394,
0.2938

■ 0.0000, 0.7452,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 46.0158, 0.3615,
0.2656

■ 46.0158, 0.3615,
0.2656

■ 38.5521, 0.3782,
0.2521

■ 55.2654, 0.3469,
0.2804

■ 32.7568, 0.3970,
0.2409

■ 66.4108, 0.3344,
0.2955

■ 28.4954, 0.4172,
0.2334

■ 79.5509, 0.3239,
0.3104

■ 25.6132, 0.4382,
0.2306

■ 94.7784, 0.3151,
0.3247

■ 23.9221, 0.4589,
0.2333

100.0000, 0.3127,
0.3290

■ 23.2646, 0.4727,
0.2378

Harmonies

Analogous

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



46.0158, 0.2887, 0.2330



46.0158, 0.3615, 0.2656



46.0158, 0.4254, 0.3120

Triad

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



46.0158, 0.3615, 0.2656



46.0158, 0.3902, 0.4540



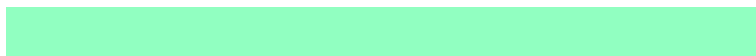
46.0158, 0.1890, 0.2675

Complementary

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



46.0158, 0.3615, 0.2656



81.3904, 0.2830, 0.4037

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.



46.0158, 0.2094, 0.3321



46.0158, 0.3615, 0.2656



46.0158, 0.3234, 0.4552

Square

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



46.0158, 0.3615, 0.2656



46.0158, 0.4395, 0.4166



46.0158, 0.2573, 0.4070



46.0158, 0.1963, 0.2301

Rectangle

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



46.0158, 0.3615, 0.2656



46.0158, 0.4497, 0.3470



46.0158, 0.2573, 0.4070



46.0158, 0.1926, 0.2864

Sweetspot

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



46.0152, 0.3615, 0.2656



79.7458, 0.3238, 0.3106



38.7643, 0.2660, 0.2059



16.4090, 0.3259, 0.3074



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.



46.0152, 0.3615, 0.2656



39.3145, 0.3762, 0.2535



43.7886, 0.4191, 0.3216



18.1586, 0.3205, 0.3157



12.1868, 0.4696, 0.2360



1.2086, 0.4479, 0.2241

Inverse Universe

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



46.0152, 0.3615, 0.2656



39.3145, 0.3762, 0.2535



84.2963, 0.2573, 0.3371



18.1586, 0.3205, 0.3157



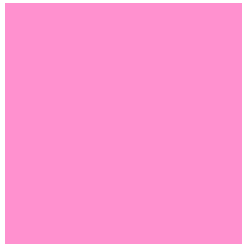
12.1868, 0.4696, 0.2360



1.2086, 0.4479, 0.2241

Previews

White Background



This preview shows how the Yxy color 46.0158, 0.3615, 0.2656 looks on a white background.

Color Contrast Check

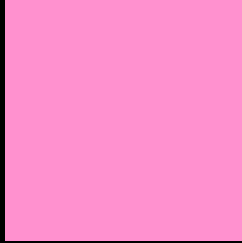
Large Text (above 18pt) WCAG AA × Fail

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 46.0158, 0.3615, 0.2656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

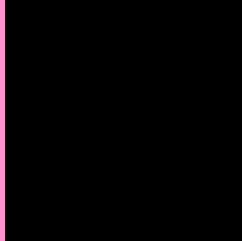
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0158, 0.3615, 0.2656

Background



This preview shows how black text looks on a background with the Yxy color 46.0158, 0.3615, 0.2656.

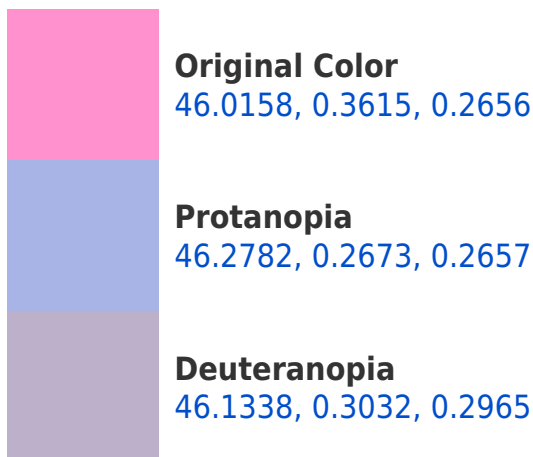


This preview shows how white text looks on a background with the Yxy color 46.0158, 0.3615, 0.2656.

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

46.0083, 0.3987, 0.3164

Trichromacy



Original Color

46.0158, 0.3615, 0.2656



Protanomaly

45.1907, 0.2969, 0.2640



Deuteranomaly

45.4160, 0.3230, 0.2832



Tritanomaly

45.8034, 0.3850, 0.2974

Monochromacy



Original Color

46.0158, 0.3615, 0.2656



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

46.3013, 0.3293, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0158, 0.3615, 0.2656 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, 145, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 207)  
}
```

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, 145, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 207) }
```

Border

The CSS property to change the border of an element to Yxy 46.0158, 0.3615, 0.2656 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, 145, 207) }
```

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

```
.border{ border-color:rgb(255, 145, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0158, 0.3615, 0.2656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 145, 207) }
```

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

```
.background{ background-color: rgb(255,  
145, 207) }
```

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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