

Converting Colors

Yxy(52.2524, 0.3911, 0.2680)

Have a look what the booklet for
Yxy(52.2524, 0.3911, 0.2680)
contains.

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Color

Yxy(45.2095, 0.3600, 0.2607)

Conversions

Conversions Part 1

Format	Color
Hex	FF8ED1
RGB	255, 142, 209
RGB Percent	100%, 56%, 82%
CMY	0.0000, 0.4432, 0.1803
CMYK	0.00, 0.44, 0.18, 0.00
HSL	324°, 100%, 78%
HSV	324°, 44%, 100%
XYZ	62.4297, 45.2095, 65.7766
YIQ	183.4250, 45.8410, 44.7930

Conversions

Conversions Part 2

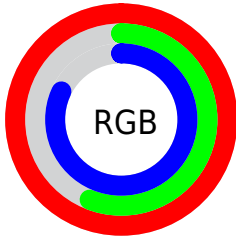
Format	Color
R _{YB}	255, 142, 209
Decimal	16748241
CIE _{Lab}	73.03, 50.88, -15.57
CIE _{LCh}	73, 53.212, 342.985
Yxy	45.2095, 0.3600, 0.2607
Android (android.graphics.Color)	4294938321 (0xFFFF8ED1)
YUV	183.4250, 12.6085, 62.7713
Hunter-Lab	67.2380, 48.0686, -10.9347

Details

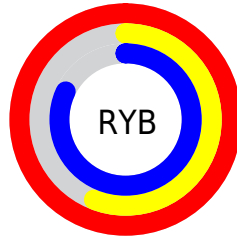
The Yxy color $45.2095, 0.3600, 0.2607$ is a light color, and the websafe version is hex `FF99CC`. A complement of this color would be $80.8990, 0.2840, 0.4104$, and the grayscale version is $47.5075, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8682, 0.3153, 0.2732$, and $21.0818, 0.3713, 0.2433$ is the 20% darker color. If you saturate the color by 10%, you get $37.9717, 0.3757, 0.2467$, and if you desaturate by 10%, it is $54.2130, 0.3462, 0.2761$.

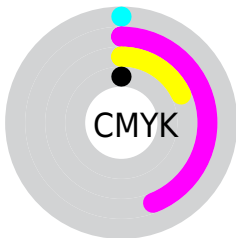
Distribution



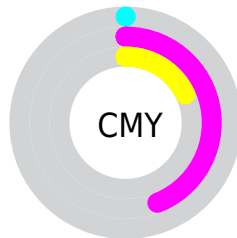
- Red (100%)
- Green (56%)
- Blue (82%)



- Red (100%)
- Yellow (56%)
- Blue (82%)



- Cyan (0%)
- Magenta (44%)
- Yellow (18%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2095, 0.3600, 0.2607 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 45.2095, 0.3600, 0.2607 by changing the saturation by 10% instead.


 45.2095, 0.3600,
0.2607

 45.2095, 0.3600,
0.2607


367.6214, 0.3373,
0.2930

 31.6225, 0.3654,
0.2532


 83.0347, 0.3519,
0.2720

 21.0733, 0.3722,
0.2439


 108.0417, 0.3489,
0.2764

 13.1776, 0.3809,
0.2320


137.6241, 0.3462,
0.2801

 7.5510, 0.3927,
0.2163

172.1663, 0.3439,
0.2834

 3.8090, 0.4091,
0.1948

212.0527, 0.3420,
0.2862

 1.5673, 0.4337,
0.1640

257.6678, 0.3402,

 0.3354, 0.4875,

0.2887

0.0916

309.3959, 0.3387,
0.2910

0.0000, 0.6719,
0.0000

0.0000, 0.0000,
0.0000

45.2095, 0.3600,
0.2607

45.2095, 0.3600,
0.2607

37.9717, 0.3757,
0.2467

54.2130, 0.3462,
0.2761

32.3836, 0.3931,
0.2353

65.0961, 0.3344,
0.2919

28.3079, 0.4117,
0.2277

77.9574, 0.3243,
0.3076

25.5869, 0.4308,
0.2249

92.8902, 0.3159,
0.3227

■ 24.0274, 0.4497,
0.2275

100.0000, 0.3127,
0.3290

■ 23.5032, 0.4601,
0.2308

Harmonies

Analogous

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



45.2095, 0.2838, 0.2277



45.2095, 0.3600, 0.2607



45.2095, 0.4285, 0.3083

Triad

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



45.2095, 0.3600, 0.2607



45.2095, 0.3964, 0.4586



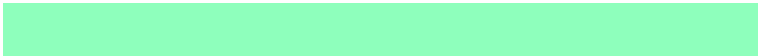
45.2095, 0.1840, 0.2669

Complementary

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



45.2095, 0.3600, 0.2607



80.8990, 0.2840, 0.4104

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.



45.2095, 0.2064, 0.3357



45.2095, 0.3600, 0.2607



45.2095, 0.3269, 0.4633

Square

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



45.2095, 0.3600, 0.2607



45.2095, 0.4469, 0.4173



45.2095, 0.2574, 0.4149



45.2095, 0.1904, 0.2268

Rectangle

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



45.2095, 0.3600, 0.2607



45.2095, 0.4554, 0.3444



45.2095, 0.2574, 0.4149



45.2095, 0.1882, 0.2870

Sweetspot

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



45.2080, 0.3600, 0.2607



79.8046, 0.3231, 0.3097



37.1523, 0.2614, 0.2012



16.4235, 0.3251, 0.3062



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.



45.2080, 0.3600, 0.2607



38.8282, 0.3735, 0.2485



42.9125, 0.4194, 0.3175



18.1680, 0.3201, 0.3150



12.3113, 0.4572, 0.2292



1.2204, 0.4374, 0.2183

Inverse Universe

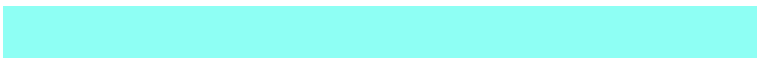
The Inverse Universe completely reimagines the original color for something new.



45.2080, 0.3600, 0.2607



38.8282, 0.3735, 0.2485



83.7833, 0.2578, 0.3417



18.1680, 0.3201, 0.3150



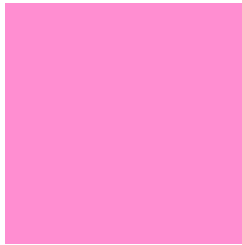
12.3113, 0.4572, 0.2292



1.2204, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 45.2095, 0.3600, 0.2607 looks on a white background.

Color Contrast Check

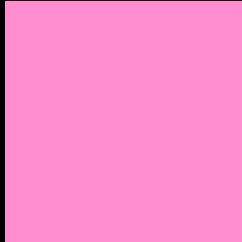
Large Text (above 18pt) WCAG AA × Fail

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 45.2095, 0.3600, 0.2607 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

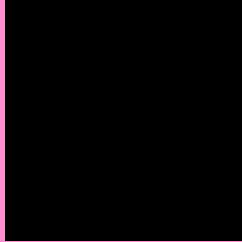
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.2095, 0.3600, 0.2607

Background



This preview shows how black text looks on a background with the Yxy color 45.2095, 0.3600, 0.2607.



This preview shows how white text looks on a background with the Yxy color 45.2095, 0.3600, 0.2607.

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

45.2095, 0.3600, 0.2607

Protanopia

45.7806, 0.2625, 0.2597

Deuteranopia

45.4108, 0.2999, 0.2937



Tritanopia

45.0658, 0.4016, 0.3175

Trichromacy



Original Color

45.2095, 0.3600, 0.2607



Protanomaly

44.3523, 0.2929, 0.2581



Deuteranomaly

44.4510, 0.3205, 0.2794



Tritanomaly

45.1299, 0.3867, 0.2964

Monochromacy



Original Color

45.2095, 0.3600, 0.2607



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.3663, 0.3295, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2095, 0.3600, 0.2607 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, 142, 209)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 209)  
}
```

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, 142, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 209) }
```

Border

The CSS property to change the border of an element to Yxy 45.2095, 0.3600, 0.2607 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, 142, 209) }
```

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

```
.border{ border-color:rgb(255, 142, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 209);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2095, 0.3600, 0.2607 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 209) }
```

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

```
.background{ background-color: rgb(255,  
142, 209) }
```

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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