

Converting Colors

Yxy(57.0546, 0.4129, 0.2765)

Have a look what the booklet for
Yxy(57.0546, 0.4129, 0.2765)
contains.

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Color

Yxy(45.0138, 0.3640, 0.2646)

Conversions

Conversions Part 1

Format	Color
Hex	FF8ECD
RGB	255, 142, 205
RGB Percent	100%, 56%, 80%
CMY	0.0001, 0.4430, 0.1961
CMYK	0.00, 0.44, 0.20, 0.00
HSL	327°, 100%, 78%
HSV	327°, 44%, 100%
XYZ	61.9237, 45.0138, 63.1826
YIQ	182.9690, 47.1250, 43.5490

Conversions

Conversions Part 2

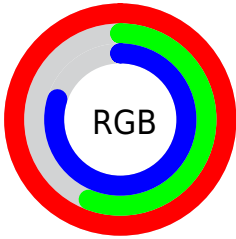
Format	Color
R _Y B	255, 142, 205
Decimal	16748237
CIE Lab	72.90, 50.26, -13.54
CIE LCh	73, 52.052, 344.922
Yxy	45.0138, 0.3640, 0.2646
Android (android.graphics.Color)	4294938317 (0xFFFF8ECD)
YUV	182.9690, 10.8613, 63.1712
Hunter-Lab	67.0923, 47.3374, -8.8704

Details

The Yxy color $45.0138, 0.3640, 0.2646$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $81.0587, 0.2821, 0.4053$, and the grayscale version is $47.2590, 0.3127, 0.3290$.

A 20% lighter version of the original color is $68.8682, 0.3153, 0.2732$, and $20.9496, 0.3771, 0.2481$ is the 20% darker color. If you saturate the color by 10%, you get $37.7499, 0.3813, 0.2514$, and if you desaturate by 10%, it is $54.0563, 0.3489, 0.2791$.

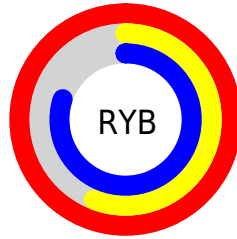
Distribution



Red (100%)

Green (56%)

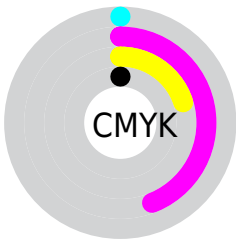
Blue (80%)



Red (100%)

Yellow (56%)

Blue (80%)

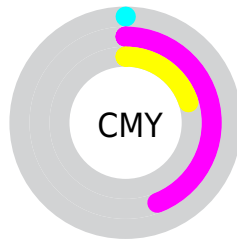


Cyan (0%)

Magenta (44%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0138, 0.3640, 0.2646 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 45.0138, 0.3640, 0.2646 by changing the saturation by 10% instead.


 45.0138, 0.3640,
0.2646

 45.0138, 0.3640,
0.2646


366.8294, 0.3391,
0.2952

 31.4683, 0.3700,
0.2574

 82.7411, 0.3551,
0.2754

 20.9557, 0.3775,
0.2485


 107.6917, 0.3518,
0.2795

 13.0916, 0.3873,
0.2370


137.2128, 0.3489,
0.2831

 7.4917, 0.4005,
0.2218

171.6888, 0.3464,
0.2862

 3.7714, 0.4193,
0.2009

211.5041, 0.3442,
0.2888

 1.5465, 0.4478,
0.1704

257.0430, 0.3423,

 0.3212, 0.5119,

0.2912

0.0946

308.6900, 0.3406,
0.2933

0.0000, 0.8407,
0.0000

0.0000, 0.0000,
0.0000

45.0138, 0.3640,
0.2646

45.0138, 0.3640,
0.2646

37.7499, 0.3813,
0.2514

54.0563, 0.3489,
0.2791

32.1376, 0.4005,
0.2408

64.9803, 0.3361,
0.2941

28.0429, 0.4213,
0.2339

77.8884, 0.3252,
0.3089

25.3082, 0.4426,
0.2318

92.8740, 0.3161,
0.3231

■ 23.7401, 0.4636,
0.2353

99.9941, 0.3127,
0.3290

■ 23.2120, 0.4753,
0.2392

Harmonies

Analogous

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



45.0138, 0.2890, 0.2310



45.0138, 0.3640, 0.2646



45.0138, 0.4295, 0.3122

Triad

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



45.0138, 0.3640, 0.2646



45.0138, 0.3910, 0.4578



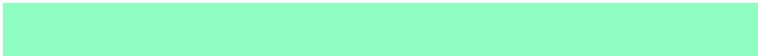
45.0138, 0.1858, 0.2648

Complementary

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



45.0138, 0.3640, 0.2646



81.0587, 0.2821, 0.4053

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.



45.0138, 0.2061, 0.3308



45.0138, 0.3640, 0.2646



45.0138, 0.3223, 0.4588

Square

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



45.0138, 0.3640, 0.2646



45.0138, 0.4422, 0.4192



45.0138, 0.2546, 0.4084



45.0138, 0.1938, 0.2271

Rectangle

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



45.0138, 0.3640, 0.2646



45.0138, 0.4540, 0.3479



45.0138, 0.2546, 0.4084



45.0138, 0.1894, 0.2839

Sweetspot

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



45.0159, 0.3640, 0.2646



79.7340, 0.3239, 0.3108



37.6443, 0.2644, 0.2023



16.4061, 0.3261, 0.3076



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.



45.0159, 0.3640, 0.2646



38.6064, 0.3789, 0.2530



42.7959, 0.4235, 0.3215



18.1567, 0.3206, 0.3158



12.1627, 0.4721, 0.2374



1.2062, 0.4500, 0.2253

Inverse Universe

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



45.0159, 0.3640, 0.2646



38.6064, 0.3789, 0.2530



83.9957, 0.2561, 0.3374



18.1567, 0.3206, 0.3158



12.1627, 0.4721, 0.2374



1.2062, 0.4500, 0.2253

Previews

White Background



This preview shows how the Yxy color 45.0138, 0.3640, 0.2646 looks on a white background.

Color Contrast Check

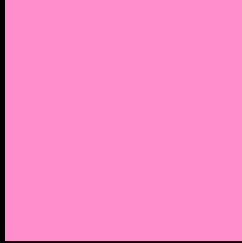
Large Text (above 18pt) WCAG AA × Fail

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 45.0138, 0.3640, 0.2646 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 45.0138, 0.3640, 0.2646

Background



This preview shows how black text looks on a background with the Yxy color 45.0138, 0.3640, 0.2646.



This preview shows how white text looks on a background with the Yxy color 45.0138, 0.3640, 0.2646.

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

45.0138, 0.3640, 0.2646

Protanopia

45.2084, 0.2662, 0.2640

Deuteranopia

45.3483, 0.3038, 0.2987



Tritanopia

44.7453, 0.4020, 0.3164

Trichromacy



Original Color

45.0138, 0.3640, 0.2646



Protanomaly

43.7240, 0.2967, 0.2622



Deuteranomaly

44.4085, 0.3249, 0.2840



Tritanomaly

44.7772, 0.3880, 0.2964

Monochromacy



Original Color

45.0138, 0.3640, 0.2646



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.3222, 0.3304, 0.3013

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0138, 0.3640, 0.2646 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, 205)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 205)  
}
```

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, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 205) }
```

Border

The CSS property to change the border of an element to Yxy 45.0138, 0.3640, 0.2646 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, 205) }
```

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

```
.border{ border-color:rgb(255, 142, 205) }
```

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, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 205);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0138, 0.3640, 0.2646 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, 205) }
```

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

```
.background{ background-color: rgb(255,  
142, 205) }
```

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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