

Converting Colors

$Y_{xy}(45.1394, 0.3663, 0.2677)$

Have a look what the booklet for
Yxy(45.1394, 0.3663, 0.2677)
contains.

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Color

Yxy(45.2167, 0.3659, 0.2675)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FCB
RGB	255, 143, 203
RGB Percent	100%, 56%, 80%
CMY	0.0000, 0.4393, 0.2039
CMYK	0.00, 0.44, 0.20, 0.00
HSL	328°, 100%, 78%
HSV	328°, 44%, 100%
XYZ	61.8497, 45.2167, 61.9680
YIQ	183.3280, 47.4920, 42.4040

Conversions

Conversions Part 2

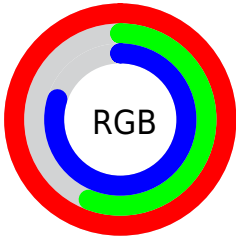
Format	Color
R_{YB}	255, 143, 203
Decimal	16748491
CIE _{Lab}	73.03, 49.51, -12.23
CIE _{LCh}	73, 51.001, 346.120
Yxy	45.2167, 0.3659, 0.2675
Android (android.graphics.Color)	4294938571 (0xFFFF8FCB)
YUV	183.3280, 9.6983, 62.8563
Hunter-Lab	67.2434, 46.5064, -7.5682

Details

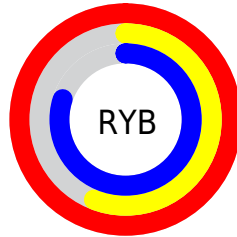
The Yxy color $45.2167, 0.3659, 0.2675$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $81.2982, 0.2811, 0.4014$, and the grayscale version is $47.4648, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.3268, 0.3153, 0.2742$, and $21.0504, 0.3798, 0.2517$ is the 20% darker color. If you saturate the color by 10%, you get $37.8656, 0.3840, 0.2548$, and if you desaturate by 10%, it is $54.3441, 0.3501, 0.2815$.

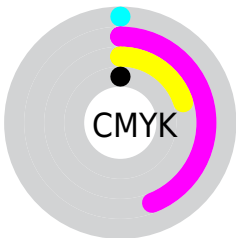
Distribution



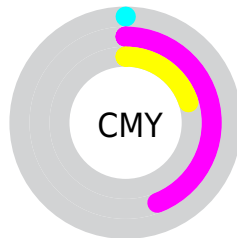
- Red (100%)
- Green (56%)
- Blue (80%)



- 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 45.2167, 0.3659, 0.2675 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 45.2167, 0.3659, 0.2675 by changing the saturation by 10% instead.

 45.2167, 0.3659,
0.2675

 45.2167, 0.3659,
0.2675


367.6505, 0.3400,
0.2968

 31.6281, 0.3722,
0.2606


 83.0455, 0.3566,
0.2778

 21.0776, 0.3801,
0.2520


 108.0545, 0.3531,
0.2818

 13.1808, 0.3903,
0.2409


137.6392, 0.3501,
0.2852

 7.5531, 0.4043,
0.2262

172.1838, 0.3475,
0.2882

 3.8104, 0.4242,
0.2059

212.0729, 0.3453,
0.2907

 1.5681, 0.4547,
0.1760

257.6908, 0.3433,

 0.3359, 0.5228,

0.2930

0.1014

309.4218, 0.3416,
0.2950

0.0000, 0.9680,
0.0000

0.0000, 0.0000,
0.0000

45.2167, 0.3659,
0.2675

45.2167, 0.3659,
0.2675

37.8656, 0.3840,
0.2548

54.3441, 0.3501,
0.2815

32.1802, 0.4044,
0.2445

65.3668, 0.3366,
0.2960

28.0219, 0.4264,
0.2378

78.3818, 0.3254,
0.3102

25.2336, 0.4492,
0.2361

93.4823, 0.3160,
0.3239

■ 23.6235, 0.4715,
0.2399

100.0000, 0.3127,
0.3290

■ 23.0553, 0.4847,
0.2444

Harmonies

Analogous

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



45.2167, 0.2923, 0.2337



45.2167, 0.3659, 0.2675



45.2167, 0.4290, 0.3147

Triad

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



45.2167, 0.3659, 0.2675



45.2167, 0.3872, 0.4561



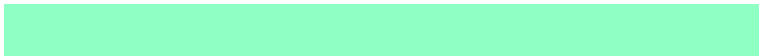
45.2167, 0.1879, 0.2642

Complementary

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



45.2167, 0.3659, 0.2675



81.2982, 0.2811, 0.4014

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.



45.2167, 0.2069, 0.3279



45.2167, 0.3659, 0.2675



45.2167, 0.3195, 0.4547

Square

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



45.2167, 0.3659, 0.2675



45.2167, 0.4383, 0.4197



45.2167, 0.2536, 0.4038



45.2167, 0.1968, 0.2282

Rectangle

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



45.2167, 0.3659, 0.2675



45.2167, 0.4518, 0.3500



45.2167, 0.2536, 0.4038



45.2167, 0.1911, 0.2826

Sweetspot

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



45.2134, 0.3659, 0.2675



79.6911, 0.3244, 0.3115



38.2508, 0.2664, 0.2039



16.3955, 0.3267, 0.3084



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.



45.2134, 0.3659, 0.2675



38.4742, 0.3823, 0.2559



43.0584, 0.4241, 0.3235



18.1498, 0.3210, 0.3163



12.0774, 0.4813, 0.2425



1.1980, 0.4579, 0.2296

Inverse Universe

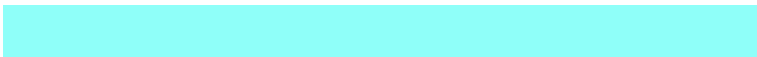
The Inverse Universe completely reimagines the original color for something new.



45.2134, 0.3659, 0.2675



38.4742, 0.3823, 0.2559



84.2231, 0.2557, 0.3352



18.1498, 0.3210, 0.3163



12.0774, 0.4813, 0.2425



1.1980, 0.4579, 0.2296

Previews

White Background



This preview shows how the Yxy color 45.2167, 0.3659, 0.2675 looks on a white background.

Color Contrast Check

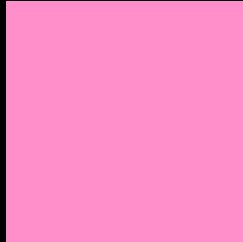
Large Text (above 18pt) WCAG AA × Fail

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 45.2167, 0.3659, 0.2675 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 45.2167, 0.3659, 0.2675

Background



This preview shows how black text looks on a background with the Yxy color 45.2167, 0.3659, 0.2675.



This preview shows how white text looks on a background with the Yxy color 45.2167, 0.3659, 0.2675.

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

45.2167, 0.3659, 0.2675

Protanopia

45.6566, 0.2697, 0.2689

Deuteranopia

45.5560, 0.3063, 0.3000



Tritanopia

45.2511, 0.4026, 0.3175

Trichromacy



Original Color

45.2167, 0.3659, 0.2675



Protanomaly

44.2516, 0.3000, 0.2659



Deuteranomaly

44.5107, 0.3266, 0.2853



Tritanomaly

45.0496, 0.3888, 0.2985

Monochromacy



Original Color

45.2167, 0.3659, 0.2675



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.2783, 0.3312, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2167, 0.3659, 0.2675 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, 143, 203)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 203)  
}
```

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, 143, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 203) }
```

Border

The CSS property to change the border of an element to Yxy 45.2167, 0.3659, 0.2675 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, 143, 203) }
```

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

```
.border{ border-color:rgb(255, 143, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 203);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2167, 0.3659, 0.2675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 203) }
```

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

```
.background{ background-color: rgb(255,  
143, 203) }
```

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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