

Converting Colors

$Y_{xy}(45.4893, 0.3739, 0.2779)$

Have a look what the booklet for
Yxy(45.4893, 0.3739, 0.2779)
contains.

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Color

Yxy(45.4509, 0.3736, 0.2774)

Conversions

Conversions Part 1

Format	Color
Hex	FF91C3
RGB	255, 145, 195
RGB Percent	100%, 57%, 76%
CMY	0.0001, 0.4313, 0.2353
CMYK	0.00, 0.43, 0.24, 0.00
HSL	333°, 100%, 78%
HSV	333°, 43%, 100%
XYZ	61.2129, 45.4509, 57.1823
YIQ	183.5900, 49.5100, 38.8700

Conversions

Conversions Part 2

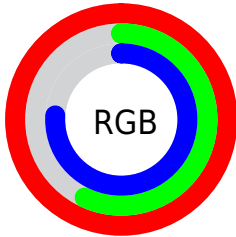
Format	Color
R_{YB}	255, 145, 195
Decimal	16748995
CIE _{Lab}	73.19, 47.36, -7.59
CIE _{LCh}	73, 47.963, 350.897
Yxy	45.4509, 0.3736, 0.2774
Android (android.graphics.Color)	4294939075 (0xFFFF91C3)
YUV	183.5900, 5.6251, 62.6266
Hunter-Lab	67.4173, 44.0925, -3.0967

Details

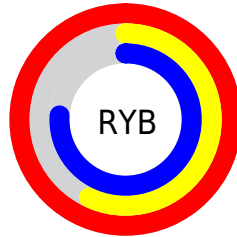
The Yxy color $45.4509, 0.3736, 0.2774$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $81.9399, 0.2772, 0.3886$, and the grayscale version is $47.6451, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.0616, 0.3173, 0.2789$, and $21.1410, 0.3910, 0.2640$ is the 20% darker color. If you saturate the color by 10%, you get $37.9146, 0.3953, 0.2665$, and if you desaturate by 10%, it is $54.7988, 0.3550, 0.2895$.

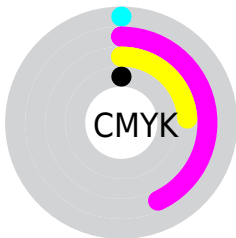
Distribution



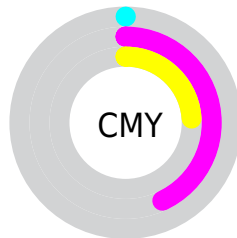
- Red (100%)
- Green (57%)
- Blue (76%)



- Red (100%)
- Yellow (57%)
- Blue (76%)



- Cyan (0%)
- Magenta (43%)
- Yellow (24%)
- Black (0%)




- Cyan (0%)
- Magenta (43%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4509, 0.3736, 0.2774 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 45.4509, 0.3736, 0.2774 by changing the saturation by 10% instead.


 45.4509, 0.3736,
0.2774

 45.4509, 0.3736,
0.2774


368.5967, 0.3436,
0.3024

 31.8127, 0.3810,
0.2714


 83.3966, 0.3628,
0.2863

 21.2185, 0.3903,
0.2639


 108.4730, 0.3587,
0.2897

 13.2838, 0.4026,
0.2542


138.1308, 0.3552,
0.2926

 7.6243, 0.4195,
0.2411

172.7546, 0.3522,
0.2951

 3.8555, 0.4440,
0.2225

212.7287, 0.3496,
0.2972

 1.5931, 0.4824,
0.1946

258.4374, 0.3474,

 0.3529, 0.5689,

0.2991

0.1200

310.2653, 0.3453,
0.3008

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 45.4509, 0.3736,
0.2774

■ 45.4509, 0.3736,
0.2774

■ 37.9146, 0.3953,
0.2665

■ 54.7988, 0.3550,
0.2895

■ 32.0632, 0.4199,
0.2578

■ 66.0605, 0.3394,
0.3018

■ 27.7642, 0.4468,
0.2526

■ 79.3386, 0.3264,
0.3140

■ 24.8620, 0.4747,
0.2523

■ 94.7262, 0.3157,
0.3255

■ 23.1677, 0.5020,
0.2574

99.9975, 0.3127,
0.3290

■ 22.5167, 0.5197,
0.2636

Harmonies

Analogous

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



45.4509, 0.3044, 0.2427



45.4509, 0.3736, 0.2774



45.4509, 0.4285, 0.3239

Triad

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



45.4509, 0.3736, 0.2774



45.4509, 0.3741, 0.4512



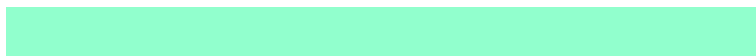
45.4509, 0.1941, 0.2611

Complementary

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



45.4509, 0.3736, 0.2774



81.9399, 0.2772, 0.3886

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.



45.4509, 0.2081, 0.3175



45.4509, 0.3736, 0.2774



45.4509, 0.3092, 0.4416

Square

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



45.4509, 0.3736, 0.2774



45.4509, 0.4255, 0.4222



45.4509, 0.2487, 0.3882



45.4509, 0.2067, 0.2309

Rectangle

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



45.4509, 0.3736, 0.2774



45.4509, 0.4457, 0.3579



45.4509, 0.2487, 0.3882



45.4509, 0.1957, 0.2772

Sweetspot

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



45.4531, 0.3736, 0.2774



79.5327, 0.3262, 0.3141



40.2643, 0.2748, 0.2088



16.3565, 0.3289, 0.3115



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.



45.4531, 0.3736, 0.2774



38.6833, 0.3927, 0.2676



44.6958, 0.4252, 0.3332



18.1244, 0.3222, 0.3182



11.7961, 0.5157, 0.2614



1.1702, 0.4879, 0.2461

Inverse Universe

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



45.4531, 0.3736, 0.2774



38.6833, 0.3927, 0.2676



82.4353, 0.2534, 0.3247



18.1244, 0.3222, 0.3182



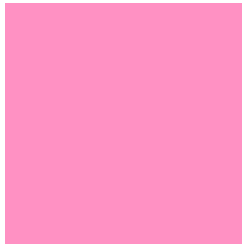
11.7961, 0.5157, 0.2614



1.1702, 0.4879, 0.2461

Previews

White Background



This preview shows how the Yxy color 45.4509, 0.3736, 0.2774 looks on a white background.

Color Contrast Check

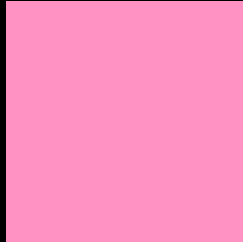
Large Text (above 18pt) WCAG AA × Fail

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 45.4509, 0.3736, 0.2774 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 45.4509, 0.3736, 0.2774

Background



This preview shows how black text looks on a background with the Yxy color 45.4509, 0.3736, 0.2774.



This preview shows how white text looks on a background with the Yxy color 45.4509, 0.3736, 0.2774.

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

45.4509, 0.3736, 0.2774

Protanopia

46.0206, 0.2787, 0.2810

Deuteranopia

45.7151, 0.3162, 0.3101



Tritanopia

45.4373, 0.4035, 0.3176

Trichromacy



Original Color

45.4509, 0.3736, 0.2774



Protanomaly

44.7974, 0.3089, 0.2785



Deuteranomaly

44.9556, 0.3364, 0.2959



Tritanomaly

45.4335, 0.3925, 0.3028

Monochromacy



Original Color

45.4509, 0.3736, 0.2774



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.0819, 0.3337, 0.3073

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4509, 0.3736, 0.2774 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 195) }
```

Border

The CSS property to change the border of an element to Yxy 45.4509, 0.3736, 0.2774 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, 195) }
```

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

```
.border{ border-color:rgb(255, 145, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4509, 0.3736, 0.2774 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
145, 195) }
```

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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