

Converting Colors

$Y_{xy}(45.8346, 0.4279, 0.3379)$

Have a look what the booklet for
Yxy(45.8346, 0.4279, 0.3379)
contains.

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Color

Yxy(45.3764, 0.4262, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	FF978F
RGB	255, 151, 143
RGB Percent	100%, 59%, 56%
CMY	0.0000, 0.4078, 0.4392
CMYK	0.00, 0.41, 0.44, 0.00
HSL	4°, 100%, 78%
HSV	4°, 44%, 100%
XYZ	57.2681, 45.3764, 31.7245
YIQ	181.1840, 64.5520, 19.5600

Conversions

Conversions Part 2

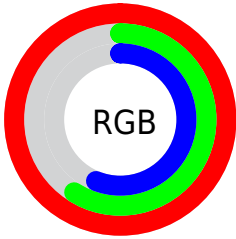
Format	Color
R_{YB}	255, 152, 143
Decimal	16750479
CIE _{Lab}	73.14, 38.09, 21.10
CIE _{LCh}	73, 43.540, 28.985
Yxy	45.3764, 0.4262, 0.3377
Android (android.graphics.Color)	4294940559 (0xFFFF978F)
YUV	181.1840, -18.8247, 64.7366
Hunter-Lab	67.3620, 33.8689, 19.2304

Details

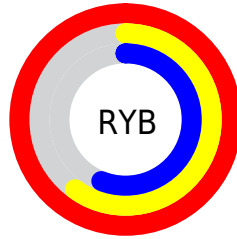
The Yxy color **45.3764, 0.4262, 0.3377** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.5784, 0.2517, 0.3197**, and the grayscale version is **46.3894, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4338, 0.3577, 0.3384**, and **21.1278, 0.4587, 0.3359** is the 20% darker color. If you saturate the color by 10%, you get **37.8180, 0.4675, 0.3393**, and if you desaturate by 10%, it is **54.6401, 0.3909, 0.3357**.

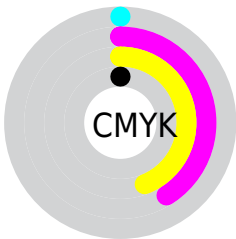
Distribution



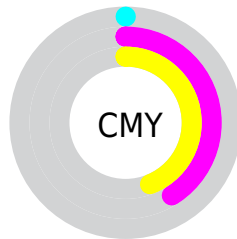
- Red (100%)
- Green (59%)
- Blue (56%)



- Red (100%)
- Yellow (60%)
- Blue (56%)



- Cyan (0%)
- Magenta (41%)
- Yellow (44%)
- Black (0%)



- Cyan (0%)
- Magenta (41%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.3764, 0.4262, 0.3377 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 45.3764, 0.4262, 0.3377 by changing the saturation by 10% instead.


 45.3764, 0.4262,
0.3377


 45.3764, 0.4262,
0.3377


368.2959, 0.3687,
0.3357

 31.7540, 0.4406,
0.3374


 83.2850, 0.4052,
0.3375

 21.1737, 0.4590,
0.3367


 108.3399, 0.3974,
0.3373

 13.2510, 0.4833,
0.3348


137.9745, 0.3907,
0.3370

 7.6016, 0.5165,
0.3309

172.5731, 0.3850,
0.3368

 3.8411, 0.5639,
0.3222

212.5202, 0.3801,
0.3365

 1.5851, 0.6632,
0.3152

258.2000, 0.3758,

 0.3475, 0.7932,

0.3362

0.2068

309.9971, 0.3720,
0.3360

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.3764, 0.4262,
0.3377

45.3764, 0.4262,
0.3377

37.8180, 0.4675,
0.3393

54.6401, 0.3909,
0.3357

31.8617, 0.5133,
0.3401

65.7054, 0.3618,
0.3337

27.3916, 0.5594,
0.3397

78.6605, 0.3382,
0.3316

24.2764, 0.5994,
0.3378

93.5878, 0.3191,
0.3297

■ 22.3621, 0.6266,
0.3347

100.0000, 0.3127,
0.3290

■ 21.6999, 0.6362,
0.3330

Harmonies

Analogous

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



45.3764, 0.3838, 0.2927



45.3764, 0.4262, 0.3377



45.3764, 0.4335, 0.3847

Triad

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



45.3764, 0.4262, 0.3377



45.3764, 0.2942, 0.4206



45.3764, 0.2225, 0.2355

Complementary

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



45.3764, 0.4262, 0.3377



79.5784, 0.2517, 0.3197

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.



45.3764, 0.2043, 0.2575



45.3764, 0.4262, 0.3377



45.3764, 0.2423, 0.3656

Square

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



45.3764, 0.4262, 0.3377



45.3764, 0.3541, 0.4414



45.3764, 0.2108, 0.3033



45.3764, 0.2637, 0.2363

Rectangle

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



45.3764, 0.4262, 0.3377



45.3764, 0.4183, 0.4127



45.3764, 0.2108, 0.3033



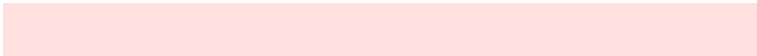
45.3764, 0.2138, 0.2402

Sweetspot

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



45.3760, 0.4262, 0.3377



79.9549, 0.3363, 0.3314



47.6519, 0.3241, 0.2273



16.4573, 0.3410, 0.3319



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.



45.3760, 0.4262, 0.3377



38.4471, 0.4635, 0.3392



67.6097, 0.3989, 0.3944



18.1954, 0.3293, 0.3308



11.4140, 0.6350, 0.3340



1.1805, 0.6238, 0.3429

Inverse Universe

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



79.5784, 0.2517, 0.3197



76.7144, 0.2423, 0.3176



50.5528, 0.2400, 0.2521



20.2461, 0.2980, 0.3272



35.4478, 0.2185, 0.3065



3.5153, 0.2192, 0.3092

Previews

White Background



This preview shows how the Yxy color 45.3764, 0.4262, 0.3377 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 45.3764, 0.4262, 0.3377 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 45.3764, 0.4262, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 45.3764, 0.4262, 0.3377.



This preview shows how white text looks on a background with the Yxy color 45.3764, 0.4262, 0.3377.

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

45.3764, 0.4262, 0.3377

Protanopia

45.4933, 0.3399, 0.3580

Deuteranopia

45.6001, 0.3783, 0.3712



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.3764, 0.4262, 0.3377

Protanomaly

44.7891, 0.3697, 0.3501

Deuteranomaly

45.1346, 0.3961, 0.3585

Tritanomaly

45.4058, 0.4151, 0.3251

Monochromacy



Original Color

45.3764, 0.4262, 0.3377

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9494, 0.3507, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.3764, 0.4262, 0.3377 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, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 143)  
}
```

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, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.3764, 0.4262, 0.3377 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, 151, 143) }
```

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

```
.border{ border-color:rgb(255, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.3764, 0.4262, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 143) }
```

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

```
.background{ background-color: rgb(255,  
151, 143) }
```

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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