

Converting Colors

$Y_{xy}(45.0538, 0.4271, 0.3372)$

Have a look what the booklet for
Yxy(45.0538, 0.4271, 0.3372)
contains.

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Color

Yxy(45.0559, 0.4267, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FF968F
RGB	255, 150, 143
RGB Percent	100%, 59%, 56%
CMY	0.0000, 0.4117, 0.4393
CMYK	0.00, 0.41, 0.44, 0.00
HSL	4°, 100%, 78%
HSV	4°, 44%, 100%
XYZ	57.0994, 45.0559, 31.6609
YIQ	180.5970, 64.8270, 20.0830

Conversions

Conversions Part 2

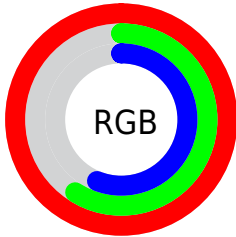
Format	Color
R _Y B	255, 150, 143
Decimal	16750223
CIE Lab	72.93, 38.58, 20.82
CIE LCh	73, 43.840, 28.360
Yxy	45.0559, 0.4267, 0.3367
Android (android.graphics.Color)	4294940303 (0xFFFF968F)
YUV	180.5970, -18.5353, 65.2514
Hunter-Lab	67.1237, 34.3761, 19.0207

Details

The Yxy color **45.0559, 0.4267, 0.3367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.1546, 0.2519, 0.3208**, and the grayscale version is **46.0561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9539, 0.3579, 0.3374**, and **20.9418, 0.4595, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **37.5063, 0.4683, 0.3381**, and if you desaturate by 10%, it is **54.3404, 0.3912, 0.3350**.

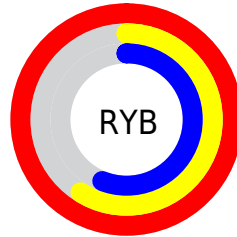
Distribution



Red (100%)

Green (59%)

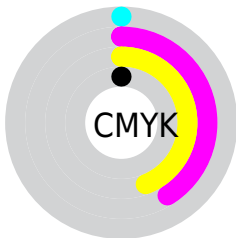
Blue (56%)



Red (100%)

Yellow (59%)

Blue (56%)

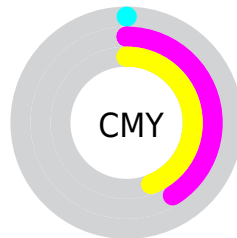


Cyan (0%)

Magenta (41%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.0559, 0.4267, 0.3367 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 45.0559, 0.4267, 0.3367 by changing the saturation by 10% instead.


 45.0559, 0.4267,
0.3367

 45.0559, 0.4267,
0.3367


366.9999, 0.3688,
0.3352

 31.5015, 0.4412,
0.3363


 82.8043, 0.4056,
0.3367

 20.9810, 0.4598,
0.3354


 107.7670, 0.3977,
0.3366

 13.1101, 0.4842,
0.3334


137.3013, 0.3910,
0.3364

 7.5044, 0.5178,
0.3291

171.7916, 0.3853,
0.3361

 3.7795, 0.5658,
0.3199

211.6221, 0.3803,
0.3359

 1.5510, 0.6668,
0.3125

257.1775, 0.3760,

 0.3242, 0.8027,

0.3357

0.1973

308.8419, 0.3722,
0.3354

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0559, 0.4267,
0.3367

45.0559, 0.4267,
0.3367

37.5063, 0.4683,
0.3381

54.3404, 0.3912,
0.3350

31.5777, 0.5144,
0.3388

65.4509, 0.3620,
0.3331

27.1531, 0.5606,
0.3384

78.4805, 0.3383,
0.3313

24.0971, 0.6006,
0.3368

93.5137, 0.3192,
0.3296

■ 22.2501, 0.6275,
0.3340

99.9979, 0.3127,
0.3290

■ 21.6298, 0.6368,
0.3325

Harmonies

Analogous

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



45.0559, 0.3833, 0.2915



45.0559, 0.4267, 0.3367



45.0559, 0.4348, 0.3841

Triad

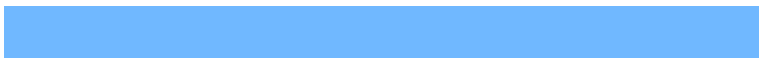
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.0559, 0.4267, 0.3367



45.0559, 0.2952, 0.4224



45.0559, 0.2211, 0.2350

Complementary

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



45.0559, 0.4267, 0.3367



80.1546, 0.2519, 0.3208

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.



45.0559, 0.2033, 0.2576



45.0559, 0.4267, 0.3367



45.0559, 0.2425, 0.3673

Square

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



45.0559, 0.4267, 0.3367



45.0559, 0.3556, 0.4424



45.0559, 0.2104, 0.3042



45.0559, 0.2622, 0.2354

Rectangle

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



45.0559, 0.4267, 0.3367



45.0559, 0.4199, 0.4125



45.0559, 0.2104, 0.3042



45.0559, 0.2125, 0.2398

Sweetspot

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



45.0582, 0.4267, 0.3367



79.8026, 0.3363, 0.3312



47.7572, 0.3225, 0.2258



16.4204, 0.3410, 0.3315



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.



45.0582, 0.4267, 0.3367



38.1431, 0.4642, 0.3380



66.7020, 0.3998, 0.3926



18.1704, 0.3293, 0.3306



11.3726, 0.6357, 0.3335



1.1687, 0.6257, 0.3414

Inverse Universe

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



80.1546, 0.2519, 0.3208



77.4164, 0.2426, 0.3189



51.3633, 0.2404, 0.2545



20.2741, 0.2980, 0.3274



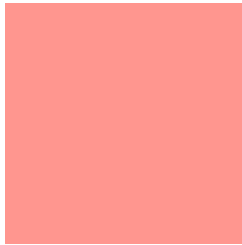
36.0999, 0.2192, 0.3092



3.5718, 0.2199, 0.3116

Previews

White Background



This preview shows how the Yxy color 45.0559, 0.4267, 0.3367 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 45.0559, 0.4267, 0.3367 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 45.0559, 0.4267, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 45.0559, 0.4267, 0.3367.



This preview shows how white text looks on a background with the Yxy color 45.0559, 0.4267, 0.3367.

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

45.0559, 0.4267, 0.3367

Protanopia

45.3659, 0.3389, 0.3581

Deuteranopia

45.0708, 0.3777, 0.3702



Tritanopia

44.9430, 0.4107, 0.3177

Trichromacy



Original Color

45.0559, 0.4267, 0.3367

Protanomaly

44.2693, 0.3690, 0.3489

Deuteranomaly

44.6131, 0.3956, 0.3575

Tritanomaly

45.0548, 0.4166, 0.3251

Monochromacy



Original Color

45.0559, 0.4267, 0.3367

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 45.0559, 0.4267, 0.3367 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, 150, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 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, 150, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 143) }
```

Border

The CSS property to change the border of an element to Yxy 45.0559, 0.4267, 0.3367 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, 150, 143) }
```

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

```
.border{ border-color:rgb(255, 150, 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, 150, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0559, 0.4267, 0.3367 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 150, 143) }
```

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

```
.background{ background-color: rgb(255,  
150, 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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