

Converting Colors

$Y_{xy}(46.0450, 0.4182, 0.3318)$

Have a look what the booklet for
Yxy(46.0450, 0.4182, 0.3318)
contains.

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Color

Yxy(45.9185, 0.4184, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF9896
RGB	255, 152, 150
RGB Percent	100%, 60%, 59%
CMY	0.0000, 0.4039, 0.4117
CMYK	0.00, 0.40, 0.41, 0.00
HSL	1°, 100%, 79%
HSV	1°, 41%, 100%
XYZ	57.9731, 45.9185, 34.6675
YIQ	182.5690, 62.0300, 21.2140

Conversions

Conversions Part 2

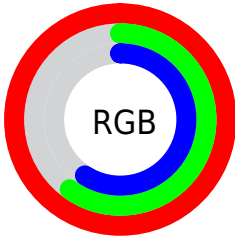
Format	Color
R_{YB}	255, 152, 150
Decimal	16750742
CIE _{Lab}	73.49, 38.29, 17.73
CIE _{LCh}	73, 42.194, 24.846
Yxy	45.9185, 0.4184, 0.3314
Android (android.graphics.Color)	4294940822 (0xFFFF9896)
YUV	182.5690, -16.0565, 63.5220
Hunter-Lab	67.7632, 34.1257, 17.1016

Details

The Yxy color **45.9185, 0.4184, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9577, 0.2558, 0.3266**, and the grayscale version is **47.1717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.2453, 0.3521, 0.3322**, and **21.4266, 0.4492, 0.3294** is the 20% darker color. If you saturate the color by 10%, you get **37.9044, 0.4597, 0.3319**, and if you desaturate by 10%, it is **55.8282, 0.3837, 0.3308**.

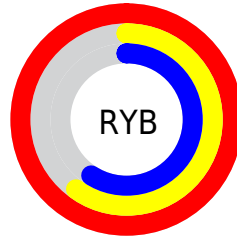
Distribution



Red (100%)

Green (60%)

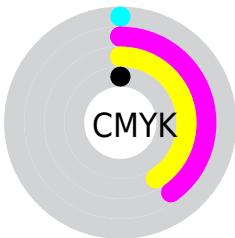
Blue (59%)



Red (100%)

Yellow (60%)

Blue (59%)

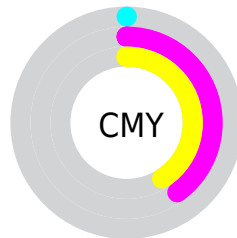


Cyan (0%)

Magenta (40%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.9185, 0.4184, 0.3314 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 45.9185, 0.4184, 0.3314 by changing the saturation by 10% instead.


 45.9185, 0.4184,
0.3314

 45.9185, 0.4184,
0.3314


370.4809, 0.3649,
0.3321

 32.1815, 0.4318,
0.3306


 84.0970, 0.3989,
0.3321

 21.5002, 0.4490,
0.3293


 109.3073, 0.3916,
0.3322

 13.4901, 0.4717,
0.3269


139.1109, 0.3854,
0.3323

 7.7669, 0.5029,
0.3225

173.8920, 0.3801,
0.3323

 3.9462, 0.5481,
0.3137

214.0352, 0.3755,
0.3323

 1.6435, 0.6289,
0.3004

259.9249, 0.3715,

 0.3867, 0.7825,

0.3322

0.2175

311.9453, 0.3680,
0.3322

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.9185, 0.4184,
0.3314

45.9185, 0.4184,
0.3314

37.9044, 0.4597,
0.3319

55.8282, 0.3837,
0.3308

31.6586, 0.5063,
0.3323

67.7363, 0.3554,
0.3302

27.0496, 0.5542,
0.3323

81.7464, 0.3327,
0.3296

23.9240, 0.5966,
0.3319

97.9530, 0.3146,
0.3291

■ 22.0999, 0.6261,
0.3312

99.9993, 0.3127,
0.3290

■ 21.3644, 0.6392,
0.3307

Harmonies

Analogous

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



45.9185, 0.3738, 0.2884



45.9185, 0.4184, 0.3314



45.9185, 0.4306, 0.3772

Triad

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



45.9185, 0.4184, 0.3314



45.9185, 0.3029, 0.4221



45.9185, 0.2215, 0.2401

Complementary

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



45.9185, 0.4184, 0.3314



83.9577, 0.2558, 0.3266

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.



45.9185, 0.2071, 0.2648



45.9185, 0.4184, 0.3314



45.9185, 0.2506, 0.3727

Square

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



45.9185, 0.4184, 0.3314



45.9185, 0.3607, 0.4370



45.9185, 0.2168, 0.3122



45.9185, 0.2587, 0.2378

Rectangle

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



45.9185, 0.4184, 0.3314



45.9185, 0.4190, 0.4051



45.9185, 0.2168, 0.3122



45.9185, 0.2141, 0.2457

Sweetspot

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



45.9208, 0.4184, 0.3314



80.5037, 0.3344, 0.3296



50.1842, 0.3189, 0.2289



16.8182, 0.3372, 0.3297



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.



45.9208, 0.4184, 0.3314



39.4904, 0.4502, 0.3318



66.7689, 0.3947, 0.3853



18.0422, 0.3294, 0.3295



11.1876, 0.6388, 0.3310



1.1079, 0.6356, 0.3335

Inverse Universe

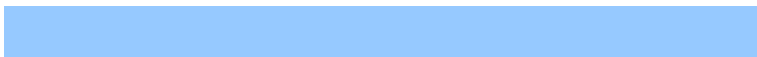
The Inverse Universe completely reimagines the original color for something new.



83.9577, 0.2558, 0.3266



81.9855, 0.2477, 0.3261



55.3647, 0.2457, 0.2644



20.4187, 0.2980, 0.3285



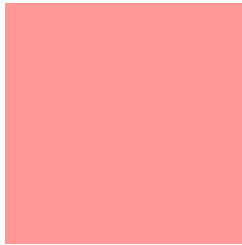
39.5764, 0.2231, 0.3230



3.8716, 0.2232, 0.3237

Previews

White Background



This preview shows how the Yxy color 45.9185, 0.4184, 0.3314 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 45.9185, 0.4184, 0.3314 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

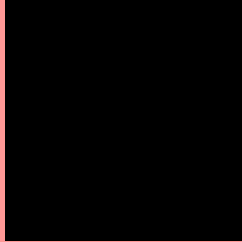
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.9185, 0.4184, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 45.9185, 0.4184, 0.3314.



This preview shows how white text looks on a background with the Yxy color 45.9185, 0.4184, 0.3314.

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

45.9185, 0.4184, 0.3314

Protanopia

46.0142, 0.3329, 0.3500

Deuteranopia

46.0491, 0.3706, 0.3638



Tritanopia

46.0019, 0.4063, 0.3177

Trichromacy



Original Color

45.9185, 0.4184, 0.3314



Protanomaly

45.2497, 0.3619, 0.3427



Deuteranomaly

45.5478, 0.3880, 0.3516



Tritanomaly

45.8618, 0.4105, 0.3219

Monochromacy



Original Color

45.9185, 0.4184, 0.3314



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

46.0006, 0.3475, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.9185, 0.4184, 0.3314 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, 152, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 152, 150)  
}
```

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, 152, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 152, 150) }
```

Border

The CSS property to change the border of an element to Yxy 45.9185, 0.4184, 0.3314 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, 152, 150) }
```

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

```
.border{ border-color:rgb(255, 152, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 152, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 152, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 152, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 152,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 45.9185, 0.4184, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 152, 150) }
```

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

```
.background{ background-color: rgb(255,  
152, 150) }
```

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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