

Converting Colors

$Y_{xy}(45.2266, 0.4226, 0.3328)$

Have a look what the booklet for
Yxy(45.2266, 0.4226, 0.3328)
contains.

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Color

Yxy(45.1793, 0.4225, 0.3325)

Conversions

Conversions Part 1

Format	Color
Hex	FF9693
RGB	255, 150, 147
RGB Percent	100%, 59%, 58%
CMY	0.0000, 0.4117, 0.4236
CMYK	0.00, 0.41, 0.42, 0.00
HSL	2°, 100%, 79%
HSV	2°, 42%, 100%
XYZ	57.4083, 45.1793, 33.2900
YIQ	181.0530, 63.5430, 21.3270

Conversions

Conversions Part 2

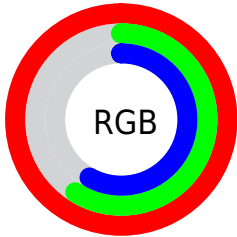
Format	Color
R _Y B	255, 150, 147
Decimal	16750227
CIE Lab	73.01, 38.99, 18.73
CIE LCh	73, 43.254, 25.660
Yxy	45.1793, 0.4225, 0.3325
Android (android.graphics.Color)	4294940307 (0xFFFF9693)
YUV	181.0530, -16.7881, 64.8515
Hunter-Lab	67.2155, 34.8283, 17.6862

Details

The Yxy color **45.1793, 0.4225, 0.3325** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.0113, 0.2543, 0.3254**, and the grayscale version is **46.3066, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1397, 0.3548, 0.3332**, and **20.9960, 0.4551, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **37.3766, 0.4643, 0.3332**, and if you desaturate by 10%, it is **54.8362, 0.3872, 0.3317**.

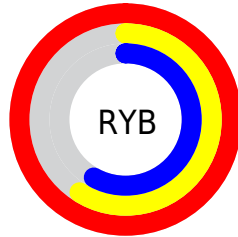
Distribution



Red (100%)

Green (59%)

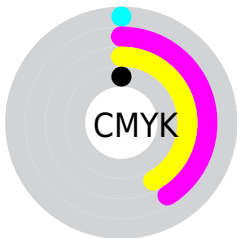
Blue (58%)



Red (100%)

Yellow (59%)

Blue (58%)

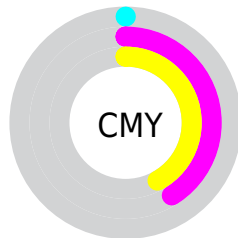


Cyan (0%)

Magenta (41%)

Yellow (42%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.1793, 0.4225, 0.3325 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 45.1793, 0.4225, 0.3325 by changing the saturation by 10% instead.


 45.1793, 0.4225,
0.3325

 45.1793, 0.4225,
0.3325


367.4992, 0.3668,
0.3329

 31.5987, 0.4365,
0.3317

 82.9894, 0.4022,
0.3331

 21.0551, 0.4544,
0.3304


 107.9877, 0.3945,
0.3332

 13.1643, 0.4781,
0.3279


137.5606, 0.3881,
0.3332

 7.5418, 0.5107,
0.3233

172.0926, 0.3826,
0.3332

 3.8032, 0.5577,
0.3139

211.9681, 0.3779,
0.3331

 1.5641, 0.6480,
0.3020

257.5714, 0.3737,

 0.3332, 0.8014,

0.3330

0.1986

309.2870, 0.3700,
0.3329

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.1793, 0.4225,
0.3325

45.1793, 0.4225,
0.3325

37.3766, 0.4643,
0.3332

54.8362, 0.3872,
0.3317

31.3032, 0.5110,
0.3336

66.4484, 0.3583,
0.3308

26.8296, 0.5584,
0.3336

80.1176, 0.3351,
0.3300

23.8049, 0.5998,
0.3329

95.9366, 0.3165,
0.3292

■ 22.0499, 0.6278,
0.3317

99.9977, 0.3127,
0.3290

■ 21.4133, 0.6387,
0.3311

Harmonies

Analogous

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



45.1793, 0.3772, 0.2883



45.1793, 0.4225, 0.3325



45.1793, 0.4339, 0.3794

Triad

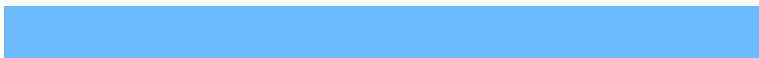
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.1793, 0.4225, 0.3325



45.1793, 0.3008, 0.4243



45.1793, 0.2198, 0.2372

Complementary

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



45.1793, 0.4225, 0.3325



83.0113, 0.2543, 0.3254

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.



45.1793, 0.2043, 0.2618



45.1793, 0.4225, 0.3325



45.1793, 0.2475, 0.3724

Square

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



45.1793, 0.4225, 0.3325



45.1793, 0.3603, 0.4405



45.1793, 0.2135, 0.3099



45.1793, 0.2584, 0.2356

Rectangle

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



45.1793, 0.4225, 0.3325



45.1793, 0.4213, 0.4081



45.1793, 0.2135, 0.3099



45.1793, 0.2119, 0.2427

Sweetspot

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



45.1816, 0.4225, 0.3325



79.1847, 0.3365, 0.3300



49.2229, 0.3191, 0.2262



16.2705, 0.3412, 0.3302



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.



45.1816, 0.4225, 0.3325



38.3361, 0.4583, 0.3331



65.9738, 0.3976, 0.3869



18.0688, 0.3294, 0.3297



11.2255, 0.6381, 0.3315



1.1205, 0.6335, 0.3352

Inverse Universe

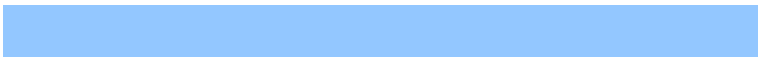
The Inverse Universe completely reimagines the original color for something new.



83.0113, 0.2543, 0.3254



80.7862, 0.2455, 0.3246



54.3521, 0.2438, 0.2622



20.3886, 0.2980, 0.3283



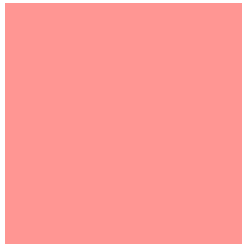
38.8376, 0.2223, 0.3201



3.8080, 0.2226, 0.3212

Previews

White Background



This preview shows how the Yxy color 45.1793, 0.4225, 0.3325 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 45.1793, 0.4225, 0.3325 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 45.1793, 0.4225, 0.3325

Background



This preview shows how black text looks on a background with the Yxy color 45.1793, 0.4225, 0.3325.



This preview shows how white text looks on a background with the Yxy color 45.1793, 0.4225, 0.3325.

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

45.1793, 0.4225, 0.3325

Protanopia

45.3782, 0.3346, 0.3528

Deuteranopia

45.4256, 0.3727, 0.3665



Tritanopia

45.2581, 0.4103, 0.3188

Trichromacy



Original Color

45.1793, 0.4225, 0.3325



Protanomaly

44.4026, 0.3653, 0.3440



Deuteranomaly

45.0926, 0.3913, 0.3539



Tritanomaly

45.1215, 0.4145, 0.3230

Monochromacy



Original Color

45.1793, 0.4225, 0.3325



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

45.0239, 0.3489, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1793, 0.4225, 0.3325 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, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 150, 147)  
}
```

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, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 150, 147) }
```

Border

The CSS property to change the border of an element to Yxy 45.1793, 0.4225, 0.3325 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, 147) }
```

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

```
.border{ border-color:rgb(255, 150, 147) }
```

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, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 150,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1793, 0.4225, 0.3325 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, 147) }
```

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

```
.background{ background-color: rgb(255,  
150, 147) }
```

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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