

Converting Colors

$Y_{xy}(45.1640, 0.4237, 0.3362)$

Have a look what the booklet for
Yxy(45.1640, 0.4237, 0.3362)
contains.

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Color

Yxy(45.2177, 0.4242, 0.3367)

Conversions

Conversions Part 1

Format	Color
Hex	FE9790
RGB	254, 151, 144
RGB Percent	100%, 59%, 56%
CMY	0.0040, 0.4078, 0.4353
CMYK	0.00, 0.41, 0.43, 0.00
HSL	4°, 98%, 78%
HSV	4°, 43%, 100%
XYZ	56.9687, 45.2177, 32.1103
YIQ	180.9990, 63.6350, 19.6590

Conversions

Conversions Part 2

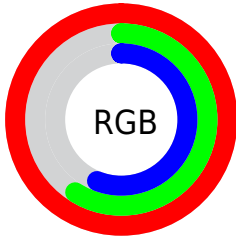
Format	Color
R_{YB}	254, 151, 144
Decimal	16684944
CIE _{Lab}	73.04, 37.80, 20.38
CIE _{LCh}	73, 42.944, 28.338
Yxy	45.2177, 0.4242, 0.3367
Android (android.graphics.Color)	4294875024 (0xFFFE9790)
YUV	180.9990, -18.2405, 64.0219
Hunter-Lab	67.2441, 33.5466, 18.7588

Details

The Yxy color **45.2177, 0.4242, 0.3367** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.5830, 0.2525, 0.3209**, and the grayscale version is **46.2845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.4798, 0.3569, 0.3374**, and **21.0129, 0.4561, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **37.6307, 0.4654, 0.3381**, and if you desaturate by 10%, it is **54.5273, 0.3892, 0.3349**.

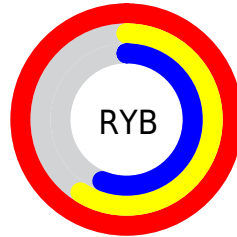
Distribution



Red (100%)

Green (59%)

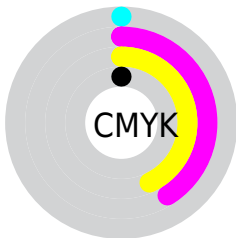
Blue (56%)



Red (100%)

Yellow (59%)

Blue (56%)

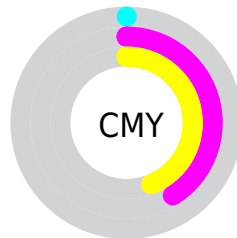


Cyan (0%)

Magenta (41%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (41%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.2177, 0.4242, 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 45.2177, 0.4242, 0.3367 by changing the saturation by 10% instead.

 45.2177, 0.4242,
0.3367

 45.2177, 0.4242,
0.3367


367.6545, 0.3676,
0.3351

 31.6289, 0.4384,
0.3364


 83.0470, 0.4036,
0.3367

 21.0782, 0.4565,
0.3355


 108.0563, 0.3958,
0.3365

 13.1812, 0.4805,
0.3337

137.6413, 0.3893,
0.3363

 7.5534, 0.5134,
0.3297

172.1863, 0.3837,
0.3360

 3.8106, 0.5605,
0.3211

212.0757, 0.3789,
0.3358

 1.5682, 0.6574,
0.3134

257.6940, 0.3747,

 0.3360, 0.7957,

0.3356

0.2043

309.4254, 0.3709,
0.3353

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.2177, 0.4242,
0.3367

45.2177, 0.4242,
0.3367

37.6307, 0.4654,
0.3381

54.5273, 0.3892,
0.3349

31.6542, 0.5112,
0.3389

65.6488, 0.3603,
0.3331

27.1737, 0.5576,
0.3386

78.6738, 0.3369,
0.3312

24.0569, 0.5982,
0.3370

93.6855, 0.3181,
0.3295

■ 22.1479, 0.6262,
0.3343

99.8073, 0.3121,
0.3290

■ 21.4441, 0.6368,
0.3326

Harmonies

Analogous

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



45.2177, 0.3818, 0.2922



45.2177, 0.4242, 0.3367



45.2177, 0.4323, 0.3832

Triad

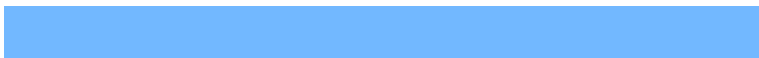
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.2177, 0.4242, 0.3367



45.2177, 0.2958, 0.4202



45.2177, 0.2229, 0.2368

Complementary

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



45.2177, 0.4242, 0.3367



79.5830, 0.2525, 0.3209

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.



45.2177, 0.2054, 0.2591



45.2177, 0.4242, 0.3367



45.2177, 0.2441, 0.3665

Square

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



45.2177, 0.4242, 0.3367



45.2177, 0.3550, 0.4399



45.2177, 0.2124, 0.3050



45.2177, 0.2632, 0.2371

Rectangle

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



45.2177, 0.4242, 0.3367



45.2177, 0.4177, 0.4110



45.2177, 0.2124, 0.3050



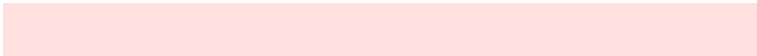
45.2177, 0.2144, 0.2416

Sweetspot

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



45.2200, 0.4242, 0.3367



79.8186, 0.3363, 0.3312



47.8211, 0.3223, 0.2271



16.4242, 0.3410, 0.3316



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.



45.2200, 0.4242, 0.3367



38.8705, 0.4598, 0.3380



66.4999, 0.3982, 0.3917



18.1730, 0.3293, 0.3306



11.3767, 0.6356, 0.3335



1.1699, 0.6255, 0.3416

Inverse Universe

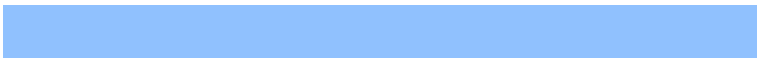
The Inverse Universe completely reimagines the original color for something new.



79.5830, 0.2525, 0.3209



77.6265, 0.2435, 0.3190



51.4415, 0.2415, 0.2558



20.2711, 0.2980, 0.3274



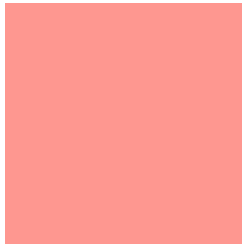
36.0312, 0.2192, 0.3089



3.5658, 0.2198, 0.3114

Previews

White Background



This preview shows how the Yxy color 45.2177, 0.4242, 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 45.2177, 0.4242, 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 45.2177, 0.4242, 0.3367

Background



This preview shows how black text looks on a background with the Yxy color 45.2177, 0.4242, 0.3367.



This preview shows how white text looks on a background with the Yxy color 45.2177, 0.4242, 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

45.2177, 0.4242, 0.3367

Protanopia

45.4002, 0.3381, 0.3567

Deuteranopia

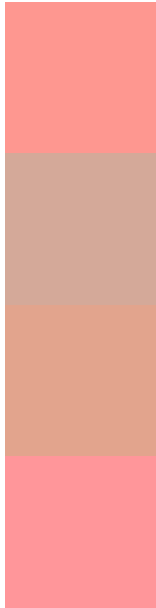
45.1001, 0.3768, 0.3689



Tritanopia

45.2930, 0.4092, 0.3177

Trichromacy



Original Color

45.2177, 0.4242, 0.3367

Protanomaly

44.6729, 0.3678, 0.3489

Deuteranomaly

44.6428, 0.3946, 0.3563

Tritanomaly

45.4058, 0.4151, 0.3251

Monochromacy



Original Color

45.2177, 0.4242, 0.3367

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.9865, 0.3498, 0.3316

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.2177, 0.4242, 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(254, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(254, 151, 144)  
}
```

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(254, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 151, 144) }
```

Border

The CSS property to change the border of an element to Yxy 45.2177, 0.4242, 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(254, 151, 144) }
```

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

```
.border{ border-color:rgb(254, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(254, 151,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 45.2177, 0.4242, 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(254, 151, 144) }
```

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

```
.background{ background-color: rgb(254,  
151, 144) }
```

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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