

Converting Colors

$Y_{xy}(45.1430, 0.4151, 0.3379)$

Have a look what the booklet for
Yxy(45.1430, 0.4151, 0.3379)
contains.

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Color

Yxy(45.1430, 0.4151, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	F89A92
RGB	248, 154, 146
RGB Percent	97%, 60%, 57%
CMY	0.0275, 0.3961, 0.4273
CMYK	0.00, 0.38, 0.41, 0.03
HSL	5°, 88%, 77%
HSV	5°, 41%, 97%
XYZ	55.4568, 45.1430, 32.9989
YIQ	181.1940, 58.5920, 17.4400

Conversions

Conversions Part 2

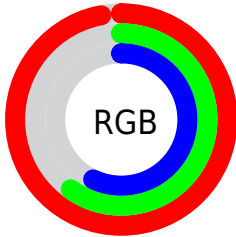
Format	Color
R _Y B	248, 155, 146
Decimal	16292498
CIE Lab	72.99, 34.25, 19.08
CIE LCh	73, 39.204, 29.127
Yxy	45.1430, 0.4151, 0.3379
Android (android.graphics.Color)	4294482578 (0xFFFF89A92)
YUV	181.1940, -17.3506, 58.5889
Hunter-Lab	67.1885, 29.7524, 17.9124

Details

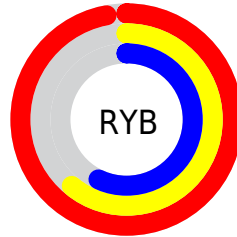
The Yxy color **45.1430, 0.4151, 0.3379** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **75.2284, 0.2548, 0.3196**, and the grayscale version is **46.3933, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0311, 0.3547, 0.3384**, and **21.1661, 0.4442, 0.3376** is the 20% darker color. If you saturate the color by 10%, you get **37.6134, 0.4545, 0.3398**, and if you desaturate by 10%, it is **54.2815, 0.3818, 0.3357**.

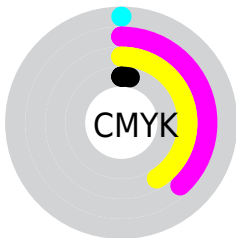
Distribution



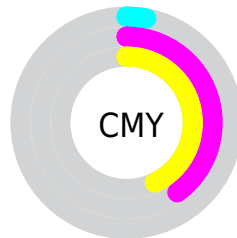
- Red (97%)
- Green (60%)
- Blue (57%)



- Red (97%)
- Yellow (61%)
- Blue (57%)



- Cyan (0%)
- Magenta (38%)
- Yellow (41%)
- Black (3%)





- Cyan (3%)
- Magenta (40%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.1430, 0.4151, 0.3379 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 45.1430, 0.4151, 0.3379 by changing the saturation by 10% instead.


 45.1430, 0.4151,
0.3379


 45.1430, 0.4151,
0.3379


367.3524, 0.3631,
0.3354

 31.5701, 0.4282,
0.3379


 82.9350, 0.3961,
0.3374

 21.0333, 0.4449,
0.3376


 107.9228, 0.3890,
0.3371

 13.1484, 0.4672,
0.3364


137.4844, 0.3830,
0.3368

 7.5308, 0.4978,
0.3337

172.0041, 0.3779,
0.3365

 3.7962, 0.5422,
0.3270

211.8664, 0.3734,
0.3362

 1.5602, 0.6313,
0.3211

257.4556, 0.3696,

 0.3306, 0.7825,

0.3359

309.1561, 0.3661,
0.3356

0.2175

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.1430, 0.4151,
0.3379

45.1430, 0.4151,
0.3379

37.6134, 0.4545,
0.3398

54.2815, 0.3818,
0.3357

31.5933, 0.4990,
0.3410

65.1075, 0.3545,
0.3334

26.9825, 0.5453,
0.3410

77.7025, 0.3324,
0.3313

23.6663, 0.5877,
0.3394

92.1408, 0.3145,
0.3292

■ 21.5113, 0.6194,
0.3364

■ 98.6960, 0.3084,
0.3290

■ 20.4348, 0.6356,
0.3335

Harmonies

Analogous

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



45.1430, 0.3772, 0.2964



45.1430, 0.4151, 0.3379



45.1430, 0.4219, 0.3808

Triad

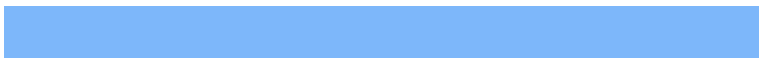
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



45.1430, 0.4151, 0.3379



45.1430, 0.2963, 0.4105



45.1430, 0.2307, 0.2439

Complementary

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



45.1430, 0.4151, 0.3379



75.2284, 0.2548, 0.3196

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.



45.1430, 0.2138, 0.2644



45.1430, 0.4151, 0.3379



45.1430, 0.2489, 0.3618

Square

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



45.1430, 0.4151, 0.3379



45.1430, 0.3506, 0.4299



45.1430, 0.2198, 0.3062



45.1430, 0.2687, 0.2444

Rectangle

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



45.1430, 0.4151, 0.3379



45.1430, 0.4085, 0.4058



45.1430, 0.2198, 0.3062



45.1430, 0.2226, 0.2483

Sweetspot

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



45.1452, 0.4151, 0.3379



81.4878, 0.3342, 0.3314



46.8877, 0.3232, 0.2335



17.0474, 0.3369, 0.3317



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.



45.1452, 0.4151, 0.3379



41.5754, 0.4460, 0.3394



65.1298, 0.3921, 0.3902



17.4430, 0.3292, 0.3309



11.1151, 0.6344, 0.3345



1.1023, 0.6217, 0.3446

Inverse Universe

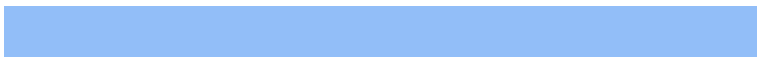
The Inverse Universe completely reimagines the original color for something new.



75.2284, 0.2548, 0.3196



77.4165, 0.2461, 0.3176



49.8134, 0.2449, 0.2581



19.3627, 0.2980, 0.3271



33.9146, 0.2179, 0.3043



3.2080, 0.2188, 0.3075

Previews

White Background



This preview shows how the Yxy color 45.1430, 0.4151, 0.3379 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 45.1430, 0.4151, 0.3379 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 45.1430, 0.4151, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 45.1430, 0.4151, 0.3379.



This preview shows how white text looks on a background with the Yxy color 45.1430, 0.4151, 0.3379.

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

45.1430, 0.4151, 0.3379

Protanopia

45.4002, 0.3381, 0.3567

Deuteranopia

45.0435, 0.3731, 0.3653



Tritanopia

44.9173, 0.3996, 0.3163

Trichromacy



Original Color

45.1430, 0.4151, 0.3379



Protanomaly

44.7842, 0.3646, 0.3490



Deuteranomaly

44.6119, 0.3884, 0.3542



Tritanomaly

45.0305, 0.4055, 0.3239

Monochromacy



Original Color

45.1430, 0.4151, 0.3379



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.9321, 0.3467, 0.3329

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.1430, 0.4151, 0.3379 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(248, 154, 146)` looks like.

```
.text, #text, p{  
    color:rgb(248, 154, 146)  
}
```

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(248, 154, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 154, 146) }
```

Border

The CSS property to change the border of an element to Yxy 45.1430, 0.4151, 0.3379 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(248, 154, 146) }
```

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

```
.border{ border-color:rgb(248, 154, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 154, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 154, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 154, 146);  
box-shadow:4px 4px 4px 4px rgb(248, 154,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 45.1430, 0.4151, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 154, 146) }
```

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

```
.background{ background-color: rgb(248,  
154, 146) }
```

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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