

Converting Colors

$Y_{xy}(45.1965, 0.4046, 0.3230)$

Have a look what the booklet for
Yxy(45.1965, 0.4046, 0.3230)
contains.

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Color

Yxy(45.0648, 0.4045, 0.3228)

Conversions

Conversions Part 1

Format	Color
Hex	F9989E
RGB	249, 152, 158
RGB Percent	98%, 60%, 62%
CMY	0.0235, 0.4039, 0.3804
CMYK	0.00, 0.39, 0.37, 0.02
HSL	356°, 89%, 79%
HSV	356°, 39%, 98%
XYZ	56.4706, 45.0648, 38.0705
YIQ	181.6870, 55.8860, 22.4300

Conversions

Conversions Part 2

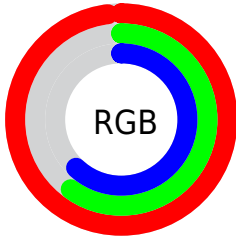
Format	Color
R_{YB}	249, 152, 158
Decimal	16357534
CIE _{Lab}	72.93, 37.00, 12.44
CIE _{LCh}	73, 39.033, 18.580
Yxy	45.0648, 0.4045, 0.3228
Android (android.graphics.Color)	4294547614 (0xFFFF9989E)
YUV	181.6870, -11.6777, 59.0335
Hunter-Lab	67.1303, 32.6777, 13.3670

Details

The Yxy color **45.0648, 0.4045, 0.3228** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.9071, 0.2614, 0.3357**, and the grayscale version is **46.6431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6897, 0.3452, 0.3230**, and **20.9324, 0.4313, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **37.0854, 0.4423, 0.3215**, and if you desaturate by 10%, it is **54.8982, 0.3732, 0.3244**.

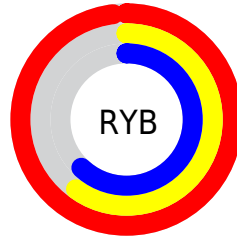
Distribution



Red (98%)

Green (60%)

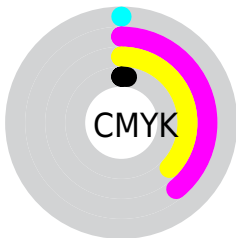
Blue (62%)



Red (98%)

Yellow (60%)

Blue (62%)

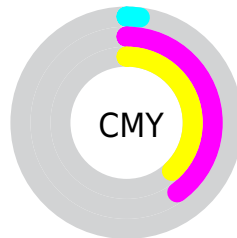


Cyan (0%)

Magenta (39%)

Yellow (37%)

Black (2%)



Cyan (2%)


Magenta (40%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.0648, 0.4045, 0.3228 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 45.0648, 0.4045, 0.3228 by changing the saturation by 10% instead.


 45.0648, 0.4045,
0.3228

 45.0648, 0.4045,
0.3228


367.0359, 0.3579,
0.3272

 31.5085, 0.4163,
0.3213


 82.8176, 0.3875,
0.3247

 20.9863, 0.4314,
0.3192


 107.7829, 0.3811,
0.3253

 13.1140, 0.4515,
0.3159


137.3200, 0.3757,
0.3258

 7.5071, 0.4796,
0.3107

171.8133, 0.3711,
0.3262

 3.7812, 0.5210,
0.3015

211.6471, 0.3672,
0.3265

 1.5519, 0.5893,
0.2844

257.2059, 0.3637,

 0.3249, 0.7962,

0.3268

0.2038

308.8740, 0.3606,
0.3270

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.0648, 0.4045,
0.3228

45.0648, 0.4045,
0.3228

37.0854, 0.4423,
0.3215

54.8982, 0.3732,
0.3244

30.8375, 0.4859,
0.3206

66.6846, 0.3478,
0.3261

26.1947, 0.5326,
0.3207

80.5241, 0.3275,
0.3277

23.0101, 0.5773,
0.3220

96.5078, 0.3112,
0.3292

■ 21.1105, 0.6128,
0.3244

■ 98.8824, 0.3090,
0.3290

■ 20.2417, 0.6339,
0.3272

■ 20.1781, 0.6353,
0.3274

Harmonies

Analogous

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



45.0648, 0.3586, 0.2836



45.0648, 0.4045, 0.3228



45.0648, 0.4230, 0.3660

Triad

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



45.0648, 0.4045, 0.3228



45.0648, 0.3153, 0.4210



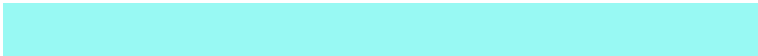
45.0648, 0.2225, 0.2489

Complementary

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



45.0648, 0.4045, 0.3228



80.9071, 0.2614, 0.3357

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.



45.0648, 0.2136, 0.2770



45.0648, 0.4045, 0.3228



45.0648, 0.2641, 0.3809

Square

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



45.0648, 0.4045, 0.3228



45.0648, 0.3685, 0.4280



45.0648, 0.2278, 0.3250



45.0648, 0.2534, 0.2422

Rectangle

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



45.0648, 0.4045, 0.3228



45.0648, 0.4168, 0.3931



45.0648, 0.2278, 0.3250



45.0648, 0.2170, 0.2558

Sweetspot

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



45.0670, 0.4045, 0.3228



80.2937, 0.3332, 0.3272



48.2705, 0.3118, 0.2310



16.7693, 0.3358, 0.3270



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.



45.0670, 0.4045, 0.3228



40.5999, 0.4346, 0.3217



61.0101, 0.3925, 0.3739



17.2426, 0.3284, 0.3276



10.8063, 0.6337, 0.3265



1.0068, 0.6187, 0.3182

Inverse Universe

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



45.0670, 0.4045, 0.3228



40.5999, 0.4346, 0.3217



58.1288, 0.2510, 0.2787



17.2426, 0.3284, 0.3276



10.8063, 0.6337, 0.3265



1.0068, 0.6187, 0.3182

Previews

White Background



This preview shows how the Yxy color 45.0648, 0.4045, 0.3228 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 45.0648, 0.4045, 0.3228 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 45.0648, 0.4045, 0.3228

Background



This preview shows how black text looks on a background with the Yxy color 45.0648, 0.4045, 0.3228.

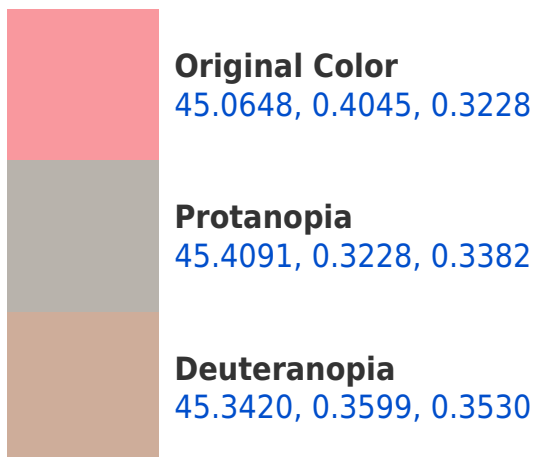


This preview shows how white text looks on a background with the Yxy color 45.0648, 0.4045, 0.3228.

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





Tritanopia

44.9173, 0.3996, 0.3163

Trichromacy



Original Color

45.0648, 0.4045, 0.3228



Protanomaly

44.5759, 0.3509, 0.3316



Deuteranomaly

44.8064, 0.3768, 0.3411



Tritanomaly

44.8462, 0.4017, 0.3185

Monochromacy



Original Color

45.0648, 0.4045, 0.3228



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.2648, 0.3432, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.0648, 0.4045, 0.3228 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(249, 152, 158)` looks like.

```
.text, #text, p{  
    color:rgb(249, 152, 158)  
}
```

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(249, 152, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 152, 158) }
```

Border

The CSS property to change the border of an element to Yxy 45.0648, 0.4045, 0.3228 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(249, 152, 158) }
```

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

```
.border{ border-color:rgb(249, 152, 158) }
```

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

Here you see how a box with a 4 pixel rgb(249, 152, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 152, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 152, 158);  
box-shadow:4px 4px 4px 4px rgb(249, 152,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 45.0648, 0.4045, 0.3228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 152, 158) }
```

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

```
.background{ background-color: rgb(249,  
152, 158) }
```

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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