

Converting Colors

$Y_{xy}(45.0996, 0.4192, 0.3282)$

Have a look what the booklet for
Yxy(45.0996, 0.4192, 0.3282)
contains.

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Color

Yxy(44.9569, 0.4198, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	FF9596
RGB	255, 149, 150
RGB Percent	100%, 58%, 59%
CMY	0.0001, 0.4156, 0.4118
CMYK	0.00, 0.42, 0.41, 0.00
HSL	359°, 100%, 79%
HSV	359°, 42%, 100%
XYZ	57.4868, 44.9569, 34.4948
YIQ	180.8080, 62.8550, 22.7830

Conversions

Conversions Part 2

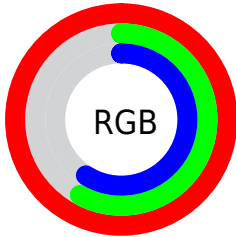
Format	Color
R _Y B	255, 149, 150
Decimal	16749974
CIE Lab	72.86, 39.81, 16.87
CIE LCh	73, 43.239, 22.967
Yxy	44.9569, 0.4198, 0.3283
Android (android.graphics.Color)	4294940054 (0xFFFF9596)
YUV	180.8080, -15.1883, 65.0664
Hunter-Lab	67.0499, 35.7037, 16.4323

Details

The Yxy color **44.9569, 0.4198, 0.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.0573, 0.2562, 0.3299**, and the grayscale version is **46.1590, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8054, 0.3527, 0.3291**, and **20.8687, 0.4514, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **37.0257, 0.4616, 0.3282**, and if you desaturate by 10%, it is **54.8341, 0.3847, 0.3284**.

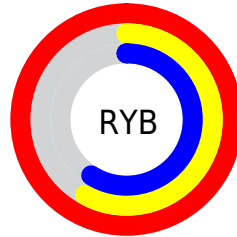
Distribution



Red (100%)

Green (58%)

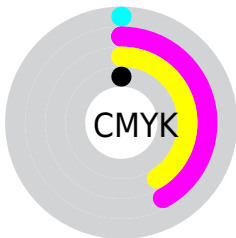
Blue (59%)



Red (100%)

Yellow (58%)

Blue (59%)

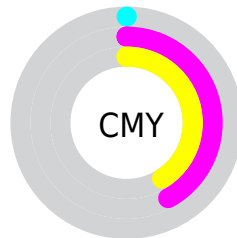


Cyan (0%)

Magenta (42%)

Yellow (41%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9569, 0.4198, 0.3283 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 44.9569, 0.4198, 0.3283 by changing the saturation by 10% instead.


 44.9569, 0.4198,
0.3283


 44.9569, 0.4198,
0.3283

366.5990, 0.3654,
0.3306

 31.4235, 0.4335,
0.3271


 82.6557, 0.3999,
0.3296

 20.9215, 0.4510,
0.3253


 107.5899, 0.3925,
0.3299

 13.0667, 0.4743,
0.3223


137.0932, 0.3862,
0.3301

 7.4745, 0.5065,
0.3170

171.5499, 0.3808,
0.3303

 3.7606, 0.5531,
0.3069

211.3444, 0.3762,
0.3304

 1.5405, 0.6379,
0.2918

256.8612, 0.3722,

 0.3170, 0.8100,

0.3305

0.1900

308.4846, 0.3686,
0.3305

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.9569, 0.4198,
0.3283

44.9569, 0.4198,
0.3283

37.0257, 0.4616,
0.3282

54.8341, 0.3847,
0.3284

30.9058, 0.5086,
0.3283

66.7668, 0.3562,
0.3286

26.4565, 0.5566,
0.3285

80.8645, 0.3334,
0.3288

23.5129, 0.5987,
0.3289

97.2268, 0.3152,
0.3290

■ 21.8772, 0.6274,
0.3294

99.9968, 0.3127,
0.3290

■ 21.2619, 0.6394,
0.3296

Harmonies

Analogous

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



44.9569, 0.3721, 0.2847



44.9569, 0.4198, 0.3283



44.9569, 0.4346, 0.3754

Triad

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



44.9569, 0.4198, 0.3283



44.9569, 0.3062, 0.4276



44.9569, 0.2173, 0.2383

Complementary

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



44.9569, 0.4198, 0.3283



85.0573, 0.2562, 0.3299

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.



44.9569, 0.2040, 0.2651



44.9569, 0.4198, 0.3283



44.9569, 0.2516, 0.3780

Square

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



44.9569, 0.4198, 0.3283



44.9569, 0.3655, 0.4402



44.9569, 0.2155, 0.3151



44.9569, 0.2540, 0.2348

Rectangle

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



44.9569, 0.4198, 0.3283



44.9569, 0.4240, 0.4046



44.9569, 0.2155, 0.3151



44.9569, 0.2102, 0.2446

Sweetspot

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



44.9592, 0.4198, 0.3283



80.2053, 0.3343, 0.3288



49.6432, 0.3160, 0.2261



16.7487, 0.3370, 0.3288



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.



44.9592, 0.4198, 0.3283



38.1442, 0.4547, 0.3282



64.8447, 0.3972, 0.3823



17.9898, 0.3293, 0.3288



11.1126, 0.6391, 0.3295



1.0829, 0.6369, 0.3282

Inverse Universe

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



44.9592, 0.4198, 0.3283



38.1442, 0.4547, 0.3282



56.6853, 0.2458, 0.2681



17.9898, 0.3293, 0.3288



11.1126, 0.6391, 0.3295



1.0829, 0.6369, 0.3282

Previews

White Background



This preview shows how the Yxy color 44.9569, 0.4198, 0.3283 looks on a white background.

Color Contrast Check

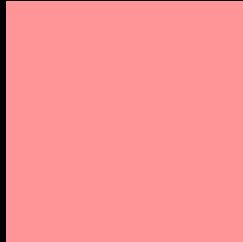
Large Text (above 18pt) WCAG AA × Fail

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 44.9569, 0.4198, 0.3283 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 44.9569, 0.4198, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 44.9569, 0.4198, 0.3283.



This preview shows how white text looks on a background with the Yxy color 44.9569, 0.4198, 0.3283.

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

44.9569, 0.4198, 0.3283

Protanopia

45.3959, 0.3304, 0.3475

Deuteranopia

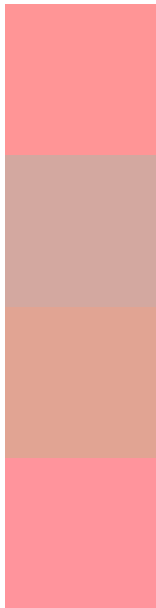
44.9903, 0.3694, 0.3617



Tritanopia

44.9430, 0.4107, 0.3177

Trichromacy



Original Color

44.9569, 0.4198, 0.3283

Protanomaly

44.3922, 0.3606, 0.3390

Deuteranomaly

44.6651, 0.3878, 0.3493

Tritanomaly

44.8401, 0.4139, 0.3209

Monochromacy



Original Color

44.9569, 0.4198, 0.3283

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

44.6881, 0.3482, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9569, 0.4198, 0.3283 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, 149, 150)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 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, 149, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.9569, 0.4198, 0.3283 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, 149, 150) }
```

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

```
.border{ border-color:rgb(255, 149, 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, 149, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 150);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9569, 0.4198, 0.3283 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 150) }
```

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

```
.background{ background-color: rgb(255,  
149, 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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