

Converting Colors

$Y_{xy}(44.0808, 0.4085, 0.3186)$

Have a look what the booklet for
Yxy(44.0808, 0.4085, 0.3186)
contains.

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Color

Yxy(44.1577, 0.4080, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	FB949E
RGB	251, 148, 158
RGB Percent	98%, 58%, 62%
CMY	0.0156, 0.4196, 0.3804
CMYK	0.00, 0.41, 0.37, 0.02
HSL	354°, 93%, 78%
HSV	354°, 41%, 98%
XYZ	56.5485, 44.1577, 37.8930
YIQ	179.9370, 58.1780, 24.9460

Conversions

Conversions Part 2

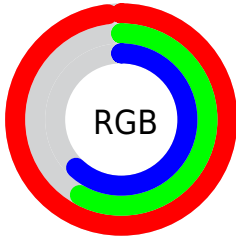
Format	Color
R _Y B	251, 148, 158
Decimal	16487582
CIE Lab	72.33, 39.78, 11.62
CIE LCh	72, 41.444, 16.284
Yxy	44.1577, 0.4080, 0.3186
Android (android.graphics.Color)	4294677662 (0xFFFB949E)
YUV	179.9370, -10.8149, 62.3223
Hunter-Lab	66.4513, 35.6096, 12.7065

Details

The Yxy color **44.1577, 0.4080, 0.3186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.6483, 0.2609, 0.3403**, and the grayscale version is **45.6433, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.7760, 0.3459, 0.3189**, and **20.4524, 0.4363, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **36.4111, 0.4455, 0.3165**, and if you desaturate by 10%, it is **53.7598, 0.3767, 0.3211**.

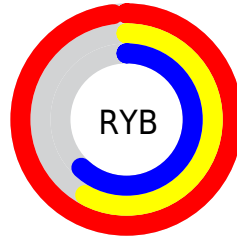
Distribution



Red (98%)

Green (58%)

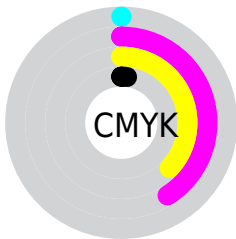
Blue (62%)



Red (98%)

Yellow (58%)

Blue (62%)

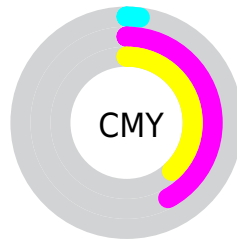


Cyan (0%)

Magenta (41%)

Yellow (37%)

Black (2%)



Cyan (2%)

Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1577, 0.4080, 0.3186 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 44.1577, 0.4080, 0.3186 by changing the saturation by 10% instead.


 44.1577, 0.4080,
0.3186


 44.1577, 0.4080,
0.3186


363.3514, 0.3595,
0.3251

 30.7945, 0.4203,
0.3166


 81.4550, 0.3902,
0.3213

 20.4424, 0.4361,
0.3137


 106.1579, 0.3836,
0.3222

 12.7170, 0.4572,
0.3096

135.4094, 0.3780,
0.3229

 7.2340, 0.4866,
0.3031

169.5941, 0.3732,
0.3235

 3.6089, 0.5301,
0.2920

209.0962, 0.3691,
0.3240

 1.4573, 0.6022,
0.2719

254.3002, 0.3655,

 0.2584, 0.8315,

0.3244

0.1685

305.5905, 0.3623,
0.3248

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.1577, 0.4080,
0.3186

44.1577, 0.4080,
0.3186

36.4111, 0.4455,
0.3165

53.7598, 0.3767,
0.3211

30.3939, 0.4885,
0.3153

65.3195, 0.3512,
0.3238

25.9751, 0.5343,
0.3154

78.9395, 0.3307,
0.3263

23.0018, 0.5776,
0.3175

94.7132, 0.3142,
0.3288

■ 21.2913, 0.6119,
0.3213

■ 99.2513, 0.3103,
0.3290

■ 20.5788, 0.6314,
0.3252

Harmonies

Analogous

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



44.1577, 0.3571, 0.2779



44.1577, 0.4080, 0.3186



44.1577, 0.4303, 0.3642

Triad

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



44.1577, 0.4080, 0.3186



44.1577, 0.3196, 0.4299



44.1577, 0.2154, 0.2451

Complementary

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



44.1577, 0.4080, 0.3186



81.6483, 0.2609, 0.3403

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.



44.1577, 0.2078, 0.2764



44.1577, 0.4080, 0.3186



44.1577, 0.2644, 0.3889

Square

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



44.1577, 0.4080, 0.3186



44.1577, 0.3757, 0.4338



44.1577, 0.2245, 0.3289



44.1577, 0.2462, 0.2367

Rectangle

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



44.1577, 0.4080, 0.3186



44.1577, 0.4252, 0.3934



44.1577, 0.2245, 0.3289



44.1577, 0.2102, 0.2530

Sweetspot

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



44.1599, 0.4080, 0.3186



80.3532, 0.3325, 0.3261



46.7953, 0.3087, 0.2251



16.7832, 0.3349, 0.3258



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.



44.1599, 0.4080, 0.3186



39.1972, 0.4376, 0.3169



59.1326, 0.3996, 0.3728



17.2526, 0.3279, 0.3267



10.8253, 0.6291, 0.3239



1.0115, 0.6073, 0.3119

Inverse Universe

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



44.1599, 0.4080, 0.3186



39.1972, 0.4376, 0.3169



59.2594, 0.2484, 0.2798



17.2526, 0.3279, 0.3267



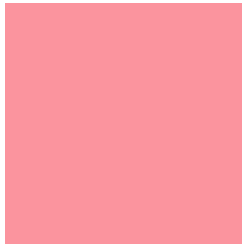
10.8253, 0.6291, 0.3239



1.0115, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 44.1577, 0.4080, 0.3186 looks on a white background.

Color Contrast Check

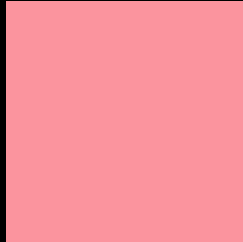
Large Text (above 18pt) WCAG AA × Fail

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 44.1577, 0.4080, 0.3186 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 44.1577, 0.4080, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 44.1577, 0.4080, 0.3186.



This preview shows how white text looks on a background with the Yxy color 44.1577, 0.4080, 0.3186.

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

44.1577, 0.4080, 0.3186

Protanopia

44.4454, 0.3196, 0.3330

Deuteranopia

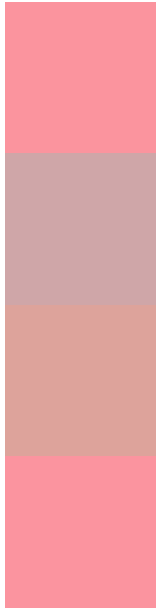
44.2963, 0.3586, 0.3506



Tritanopia

44.1922, 0.4069, 0.3175

Trichromacy



Original Color

44.1577, 0.4080, 0.3186

Protanomaly

43.3650, 0.3497, 0.3266

Deuteranomaly

43.9331, 0.3766, 0.3388

Tritanomaly

44.1922, 0.4069, 0.3175

Monochromacy



Original Color

44.1577, 0.4080, 0.3186

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.1056, 0.3447, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1577, 0.4080, 0.3186 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(251, 148, 158)` looks like.

```
.text, #text, p{  
    color:rgb(251, 148, 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(251, 148, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 148, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.1577, 0.4080, 0.3186 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(251, 148, 158) }
```

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

```
.border{ border-color:rgb(251, 148, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 148, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 148, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 148, 158); box-shadow:4px 4px 4px 4px rgb(251, 148, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1577, 0.4080, 0.3186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 148, 158) }
```

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

```
.background{ background-color: rgb(251,  
148, 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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