

Converting Colors

$Y_{xy}(43.1266, 0.4125, 0.3186)$

Have a look what the booklet for
Yxy(43.1266, 0.4125, 0.3186)
contains.

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Color

Yxy(43.1266, 0.4125, 0.3186)

Conversions

Conversions Part 1

Format	Color
Hex	FB919B
RGB	251, 145, 155
RGB Percent	98%, 57%, 61%
CMY	0.0155, 0.4314, 0.3921
CMYK	0.00, 0.42, 0.38, 0.02
HSL	354°, 93%, 78%
HSV	354°, 42%, 98%
XYZ	55.8372, 43.1266, 36.3991
YIQ	177.8340, 59.9660, 25.5820

Conversions

Conversions Part 2

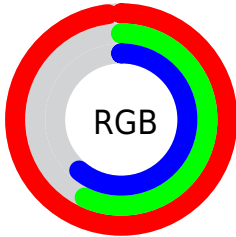
Format	Color
R _Y B	251, 145, 155
Decimal	16486811
CIE Lab	71.64, 41.00, 12.30
CIE LCh	72, 42.803, 16.699
Yxy	43.1266, 0.4125, 0.3186
Android (android.graphics.Color)	4294676891 (0xFFFB919B)
YUV	177.8340, -11.2572, 64.1666
Hunter-Lab	65.6708, 36.8471, 13.1072

Details

The Yxy color **43.1266, 0.4125, 0.3186** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.3881, 0.2596, 0.3404**, and the grayscale version is **44.4660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1720, 0.3495, 0.3199**, and **19.8602, 0.4428, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **35.5939, 0.4509, 0.3166**, and if you desaturate by 10%, it is **52.5021, 0.3803, 0.3210**.

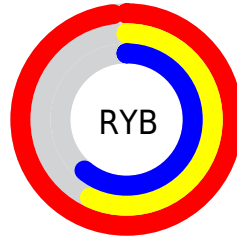
Distribution



Red (98%)

Green (57%)

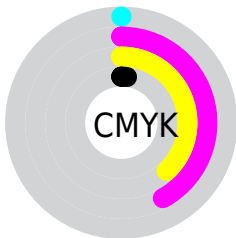
Blue (61%)



Red (98%)

Yellow (57%)

Blue (61%)

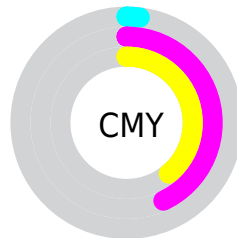


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (2%)



Cyan (2%)

Magenta (43%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1266, 0.4125, 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 43.1266, 0.4125, 0.3186 by changing the saturation by 10% instead.

 43.1266, 0.4125,
0.3186


 43.1266, 0.4125,
0.3186


359.1322, 0.3615,
0.3253

 29.9845, 0.4255,
0.3165


 79.9019, 0.3938,
0.3214

 19.8268, 0.4422,
0.3135


 104.3038, 0.3868,
0.3223

 12.2692, 0.4645,
0.3091


133.2278, 0.3809,
0.3231

 6.9273, 0.4957,
0.3021


167.0582, 0.3759,
0.3237

 3.4167, 0.5419,
0.2900

206.1794, 0.3716,
0.3242

 1.3529, 0.6222,
0.2696

250.9759, 0.3678,

 0.1816, 0.8703,

0.3246

0.1297

301.8320, 0.3645,
0.3250

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.1266, 0.4125,
0.3186

43.1266, 0.4125,
0.3186

35.5939, 0.4509,
0.3166

52.5021, 0.3803,
0.3210

29.7764, 0.4945,
0.3156

63.8239, 0.3541,
0.3236

25.5410, 0.5404,
0.3160

77.1955, 0.3330,
0.3261

22.7317, 0.5830,
0.3182

92.7114, 0.3160,
0.3285

■ 21.1608, 0.6157,
0.3221

■ 99.2566, 0.3103,
0.3290

■ 20.5815, 0.6317,
0.3254

Harmonies

Analogous

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



43.1266, 0.3597, 0.2765



43.1266, 0.4125, 0.3186



43.1266, 0.4351, 0.3657

Triad

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



43.1266, 0.4125, 0.3186



43.1266, 0.3187, 0.4341



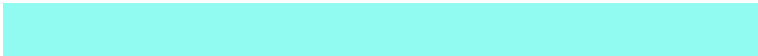
43.1266, 0.2122, 0.2416

Complementary

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



43.1266, 0.4125, 0.3186



81.3881, 0.2596, 0.3404

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.



43.1266, 0.2039, 0.2735



43.1266, 0.4125, 0.3186



43.1266, 0.2616, 0.3908

Square

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



43.1266, 0.4125, 0.3186



43.1266, 0.3772, 0.4382



43.1266, 0.2208, 0.3278



43.1266, 0.2443, 0.2334

Rectangle

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



43.1266, 0.4125, 0.3186



43.1266, 0.4293, 0.3960



43.1266, 0.2208, 0.3278



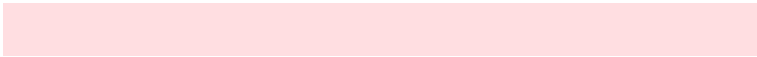
43.1266, 0.2067, 0.2495

Sweetspot

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



43.1288, 0.4125, 0.3186



78.8584, 0.3344, 0.3259



45.8138, 0.3085, 0.2222



16.1916, 0.3388, 0.3254



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.



43.1288, 0.4125, 0.3186



37.7281, 0.4459, 0.3168



58.2728, 0.4030, 0.3741



17.2519, 0.3279, 0.3268



10.8237, 0.6295, 0.3241



1.0112, 0.6081, 0.3123

Inverse Universe

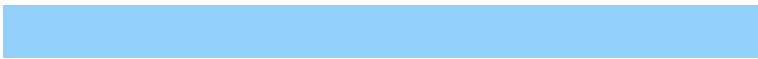
The Inverse Universe completely reimagines the original color for something new.



43.1288, 0.4125, 0.3186



37.7281, 0.4459, 0.3168



58.3983, 0.2466, 0.2780



17.2519, 0.3279, 0.3268



10.8237, 0.6295, 0.3241



1.0112, 0.6081, 0.3123

Previews

White Background



This preview shows how the Yxy color 43.1266, 0.4125, 0.3186 looks on a white background.

Color Contrast Check

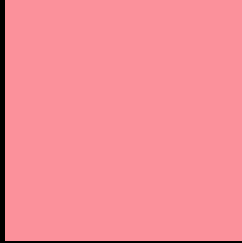
Large Text (above 18pt) WCAG AA × Fail

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 43.1266, 0.4125, 0.3186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

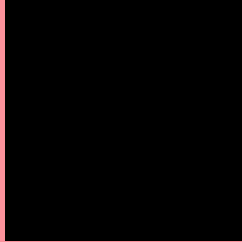
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.1266, 0.4125, 0.3186

Background



This preview shows how black text looks on a background with the Yxy color 43.1266, 0.4125, 0.3186.



This preview shows how white text looks on a background with the Yxy color 43.1266, 0.4125, 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

43.1266, 0.4125, 0.3186

Protanopia

43.3035, 0.3205, 0.3344

Deuteranopia

43.1669, 0.3600, 0.3521



Tritanopia

43.1603, 0.4114, 0.3176

Trichromacy



Original Color

43.1266, 0.4125, 0.3186



Protanomaly

42.3893, 0.3521, 0.3279



Deuteranomaly

42.6243, 0.3796, 0.3388



Tritanomaly

43.1603, 0.4114, 0.3176

Monochromacy



Original Color

43.1266, 0.4125, 0.3186



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

43.1539, 0.3460, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1266, 0.4125, 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, 145, 155)` looks like.

```
.text, #text, p{  
    color:rgb(251, 145, 155)  
}
```

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, 145, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 145, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.1266, 0.4125, 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, 145, 155) }
```

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

```
.border{ border-color:rgb(251, 145, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 145, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(251, 145, 155); -webkit-box-shadow:4px 4px 4px 4px rgb(251, 145, 155); box-shadow:4px 4px 4px 4px rgb(251, 145, 155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1266, 0.4125, 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, 145, 155) }
```

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

```
.background{ background-color: rgb(251,  
145, 155) }
```

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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