

Converting Colors

$Y_{xy}(43.8314, 0.4276, 0.3314)$

Have a look what the booklet for
Yxy(43.8314, 0.4276, 0.3314)
contains.

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Color

Yxy(43.8314, 0.4276, 0.3314)

Conversions

Conversions Part 1

Format	Color
Hex	FF9290
RGB	255, 146, 144
RGB Percent	100%, 57%, 56%
CMY	0.0000, 0.4274, 0.4352
CMYK	0.00, 0.43, 0.44, 0.00
HSL	1°, 100%, 78%
HSV	1°, 44%, 100%
XYZ	56.5549, 43.8314, 31.8750
YIQ	178.3630, 65.6060, 22.4860

Conversions

Conversions Part 2

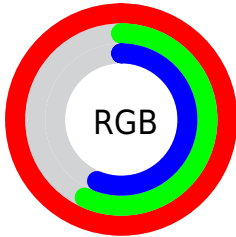
Format	Color
R _Y B	255, 146, 144
Decimal	16749200
CIE Lab	72.12, 40.74, 19.13
CIE LCh	72, 45.004, 25.149
Yxy	43.8314, 0.4276, 0.3314
Android (android.graphics.Color)	4294939280 (0xFFFF9290)
YUV	178.3630, -16.9410, 67.2106
Hunter-Lab	66.2053, 36.6219, 17.7981

Details

The Yxy color **43.8314, 0.4276, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.4161, 0.2533, 0.3266**, and the grayscale version is **44.7905, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.1105, 0.3580, 0.3322**, and **20.2390, 0.4611, 0.3281** is the 20% darker color. If you saturate the color by 10%, you get **36.2451, 0.4704, 0.3319**, and if you desaturate by 10%, it is **53.2888, 0.3913, 0.3308**.

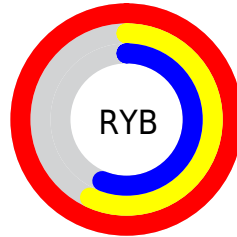
Distribution



Red (100%)

Green (57%)

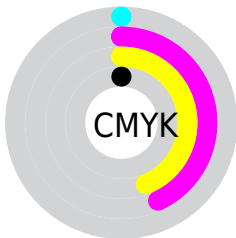
Blue (56%)



Red (100%)

Yellow (57%)

Blue (56%)

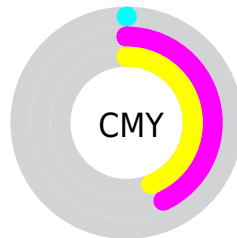


Cyan (0%)

Magenta (43%)

Yellow (44%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8314, 0.4276, 0.3314 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 43.8314, 0.4276, 0.3314 by changing the saturation by 10% instead.


 43.8314, 0.4276,
0.3314


 43.8314, 0.4276,
0.3314


362.0198, 0.3690,
0.3325

 30.5380, 0.4424,
0.3304


 80.9640, 0.4062,
0.3323

 20.2473, 0.4613,
0.3287


 105.5719, 0.3981,
0.3325

 12.5749, 0.4865,
0.3257


134.7202, 0.3914,
0.3326

 7.1365, 0.5211,
0.3201

168.7931, 0.3856,
0.3326

 3.5476, 0.5710,
0.3091

208.1752, 0.3806,
0.3326

 1.4239, 0.6760,
0.2982

253.2507, 0.3763,

 0.2342, 0.8449,

0.3326

0.1551

304.4041, 0.3724,
0.3325

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.8314, 0.4276,
0.3314

■ 43.8314, 0.4276,
0.3314

■ 36.2451, 0.4704,
0.3319

■ 53.2888, 0.3913,
0.3308

■ 30.4006, 0.5178,
0.3322

■ 64.7239, 0.3615,
0.3303

■ 26.1612, 0.5651,
0.3321

■ 78.2422, 0.3376,
0.3297

■ 23.3674, 0.6051,
0.3317

■ 93.9400, 0.3185,
0.3292

■ 21.8271, 0.6307,
0.3309

100.0000, 0.3127,
0.3290

■ 21.3587, 0.6392,
0.3307

Harmonies

Analogous

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



43.8314, 0.3794, 0.2856



43.8314, 0.4276, 0.3314



43.8314, 0.4400, 0.3804

Triad

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



43.8314, 0.4276, 0.3314



43.8314, 0.3010, 0.4304



43.8314, 0.2151, 0.2332

Complementary

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



43.8314, 0.4276, 0.3314



83.4161, 0.2533, 0.3266

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.



43.8314, 0.1994, 0.2590



43.8314, 0.4276, 0.3314



43.8314, 0.2450, 0.3758

Square

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



43.8314, 0.4276, 0.3314



43.8314, 0.3633, 0.4463



43.8314, 0.2094, 0.3096



43.8314, 0.2548, 0.2314

Rectangle

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



43.8314, 0.4276, 0.3314



43.8314, 0.4269, 0.4106



43.8314, 0.2094, 0.3096



43.8314, 0.2071, 0.2390

Sweetspot

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



43.8333, 0.4276, 0.3314



79.0029, 0.3365, 0.3297



48.3158, 0.3193, 0.2237



16.2265, 0.3413, 0.3298



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.



43.8333, 0.4276, 0.3314



37.2825, 0.4635, 0.3318



65.2169, 0.4005, 0.3884



18.0388, 0.3294, 0.3295



11.1828, 0.6388, 0.3310



1.1063, 0.6359, 0.3333

Inverse Universe

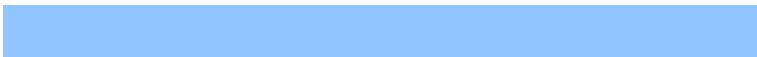
The Inverse Universe completely reimagines the original color for something new.



83.4161, 0.2533, 0.3266



81.4082, 0.2449, 0.3261



53.3860, 0.2419, 0.2600



20.4226, 0.2980, 0.3285



39.6713, 0.2232, 0.3233



3.8797, 0.2233, 0.3240

Previews

White Background



This preview shows how the Yxy color 43.8314, 0.4276, 0.3314 looks on a white background.

Color Contrast Check

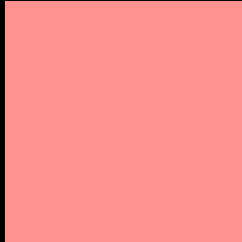
Large Text (above 18pt) WCAG AA × Fail

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 43.8314, 0.4276, 0.3314 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 43.8314, 0.4276, 0.3314

Background



This preview shows how black text looks on a background with the Yxy color 43.8314, 0.4276, 0.3314.



This preview shows how white text looks on a background with the Yxy color 43.8314, 0.4276, 0.3314.

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

43.8314, 0.4276, 0.3314

Protanopia

44.2618, 0.3349, 0.3530

Deuteranopia

43.9083, 0.3747, 0.3669



Tritanopia

43.8774, 0.4162, 0.3188

Trichromacy



Original Color

43.8314, 0.4276, 0.3314

Protanomaly

43.3072, 0.3659, 0.3441

Deuteranomaly

43.2601, 0.3940, 0.3530

Tritanomaly

43.7452, 0.4206, 0.3230

Monochromacy



Original Color

43.8314, 0.4276, 0.3314

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.1474, 0.3507, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8314, 0.4276, 0.3314 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, 146, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 144)  
}
```

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, 146, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 144) }
```

Border

The CSS property to change the border of an element to Yxy 43.8314, 0.4276, 0.3314 is called "border". The border property can be set on classes, ids or directly on the HTML element.

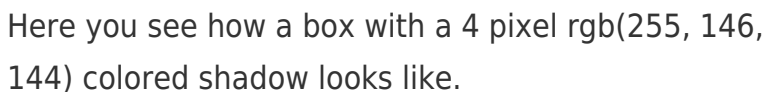
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 146, 144) }
```

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

```
.border{ border-color:rgb(255, 146, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 146, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 144); box-shadow:4px 4px 4px 4px rgb(255, 146, 144) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8314, 0.4276, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 144) }
```

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

```
.background{ background-color: rgb(255,  
146, 144) }
```

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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