

Converting Colors

$Y_{xy}(43.7015, 0.4159, 0.3176)$

Have a look what the booklet for
Yxy(43.7015, 0.4159, 0.3176)
contains.

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Color

Yxy(43.6068, 0.4156, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	FF909C
RGB	255, 144, 156
RGB Percent	100%, 56%, 61%
CMY	0.0000, 0.4354, 0.3882
CMYK	0.00, 0.44, 0.39, 0.00
HSL	353°, 100%, 78%
HSV	353°, 44%, 100%
XYZ	57.2245, 43.6068, 36.8599
YIQ	178.5570, 62.3040, 27.2640

Conversions

Conversions Part 2

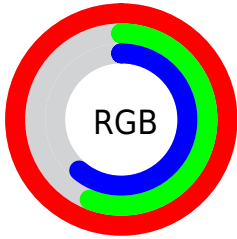
Format	Color
R _Y B	255, 144, 156
Decimal	16748700
CIE Lab	71.96, 43.04, 12.27
CIE LCh	72, 44.757, 15.918
Yxy	43.6068, 0.4156, 0.3167
Android (android.graphics.Color)	4294938780 (0xFFFF909C)
YUV	178.5570, -11.1206, 67.0405
Hunter-Lab	66.0354, 39.1210, 13.1301

Details

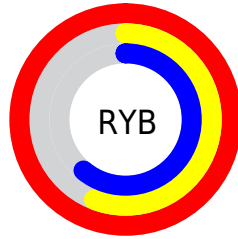
The Yxy color **43.6068, 0.4156, 0.3167** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9170, 0.2589, 0.3426**, and the grayscale version is **44.8615, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7600, 0.3489, 0.3178**, and **20.1042, 0.4456, 0.3111** is the 20% darker color. If you saturate the color by 10%, you get **36.0323, 0.4541, 0.3145**, and if you desaturate by 10%, it is **53.0609, 0.3831, 0.3195**.

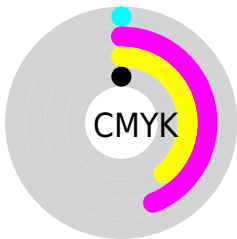
Distribution



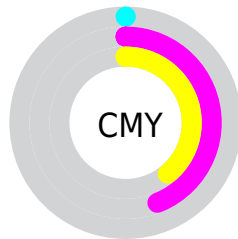
- Red (100%)
- Green (56%)
- Blue (61%)



- Red (100%)
- Yellow (56%)
- Blue (61%)



- Cyan (0%)
- Magenta (44%)
- Yellow (39%)
- Black (0%)





- Cyan (0%)
- Magenta (44%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6068, 0.4156, 0.3167 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 43.6068, 0.4156, 0.3167 by changing the saturation by 10% instead.


 43.6068, 0.4156,
0.3167

 43.6068, 0.4156,
0.3167

361.1013, 0.3632,
0.3244

 30.3615, 0.4289,
0.3143


 80.6257, 0.3964,
0.3198

 20.1131, 0.4460,
0.3110

 105.1682, 0.3892,
0.3209

 12.4773, 0.4688,
0.3062


134.2451, 0.3832,
0.3218

 7.0696, 0.5006,
0.2986

168.2410, 0.3780,
0.3225

 3.5057, 0.5473,
0.2858

207.5401, 0.3735,
0.3231

 1.4011, 0.6264,
0.2637

252.5270, 0.3696,

 0.2175, 0.8594,

0.3236

0.1406

303.5859, 0.3662,
0.3240

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.6068, 0.4156,
0.3167

■ 43.6068, 0.4156,
0.3167

■ 36.0323, 0.4541,
0.3145

■ 53.0609, 0.3831,
0.3195

■ 30.2235, 0.4977,
0.3134

■ 64.5230, 0.3565,
0.3224

■ 26.0335, 0.5431,
0.3140

■ 78.0947, 0.3351,
0.3253

■ 23.2972, 0.5849,
0.3167

■ 93.8746, 0.3179,
0.3281

■ 21.8146, 0.6165,
0.3213

100.0000, 0.3127,
0.3290

■ 21.3421, 0.6299,
0.3244

Harmonies

Analogous

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



43.6068, 0.3599, 0.2735



43.6068, 0.4156, 0.3167



43.6068, 0.4400, 0.3653

Triad

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



43.6068, 0.4156, 0.3167



43.6068, 0.3203, 0.4395



43.6068, 0.2080, 0.2388

Complementary

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



43.6068, 0.4156, 0.3167



83.9170, 0.2589, 0.3426

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.



43.6068, 0.2001, 0.2722



43.6068, 0.4156, 0.3167



43.6068, 0.2608, 0.3952

Square

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



43.6068, 0.4156, 0.3167



43.6068, 0.3808, 0.4423



43.6068, 0.2180, 0.3292



43.6068, 0.2404, 0.2299

Rectangle

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



43.6068, 0.4156, 0.3167



43.6068, 0.4345, 0.3970



43.6068, 0.2180, 0.3292



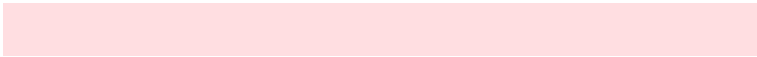
43.6068, 0.2025, 0.2471

Sweetspot

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



43.6024, 0.4156, 0.3167



78.8833, 0.3341, 0.3255



46.0474, 0.3067, 0.2185



16.1976, 0.3384, 0.3248



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.



43.6024, 0.4156, 0.3167



37.0771, 0.4478, 0.3148



58.6189, 0.4076, 0.3736



18.0191, 0.3277, 0.3265



11.1619, 0.6275, 0.3231



1.0968, 0.6050, 0.3107

Inverse Universe

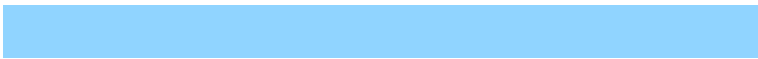
The Inverse Universe completely reimagines the original color for something new.



43.6024, 0.4156, 0.3167



37.0771, 0.4478, 0.3148



60.4570, 0.2450, 0.2784



18.0191, 0.3277, 0.3265



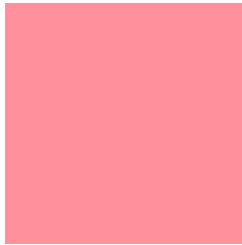
11.1619, 0.6275, 0.3231



1.0968, 0.6050, 0.3107

Previews

White Background



This preview shows how the Yxy color 43.6068, 0.4156, 0.3167 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 43.6068, 0.4156, 0.3167 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 43.6068, 0.4156, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 43.6068, 0.4156, 0.3167.



This preview shows how white text looks on a background with the Yxy color 43.6068, 0.4156, 0.3167.

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

43.6068, 0.4156, 0.3167

Protanopia

43.8916, 0.3196, 0.3330

Deuteranopia

43.6803, 0.3607, 0.3533



Tritanopia

43.5731, 0.4167, 0.3178

Trichromacy



Original Color

43.6068, 0.4156, 0.3167



Protanomaly

42.7508, 0.3521, 0.3254



Deuteranomaly

43.3192, 0.3802, 0.3388



Tritanomaly

43.5731, 0.4167, 0.3178

Monochromacy



Original Color

43.6068, 0.4156, 0.3167



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4781, 0.3470, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6068, 0.4156, 0.3167 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, 144, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 156)  
}
```

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, 144, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 156) }
```

Border

The CSS property to change the border of an element to Yxy 43.6068, 0.4156, 0.3167 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, 144, 156) }
```

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

```
.border{ border-color:rgb(255, 144, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6068, 0.4156, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 156) }
```

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

```
.background{ background-color: rgb(255,  
144, 156) }
```

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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