

Converting Colors

$Y_{xy}(43.7248, 0.4263, 0.3293)$

Have a look what the booklet for
Yxy(43.7248, 0.4263, 0.3293)
contains.

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Color

Yxy(43.5861, 0.4260, 0.3283)

Conversions

Conversions Part 1

Format	Color
Hex	FF9192
RGB	255, 145, 146
RGB Percent	100%, 57%, 57%
CMY	0.0000, 0.4314, 0.4275
CMYK	0.00, 0.43, 0.43, 0.00
HSL	359°, 100%, 78%
HSV	359°, 43%, 100%
XYZ	56.5570, 43.5861, 32.6199
YIQ	178.0040, 65.2390, 23.6310

Conversions

Conversions Part 2

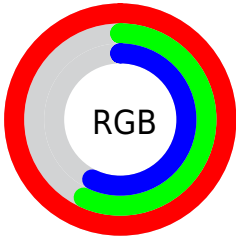
Format	Color
R _Y B	255, 145, 146
Decimal	16748946
CIE Lab	71.95, 41.45, 17.81
CIE LCh	72, 45.119, 23.256
Yxy	43.5861, 0.4260, 0.3283
Android (android.graphics.Color)	4294939026 (0xFFFF9192)
YUV	178.0040, -15.7780, 67.5255
Hunter-Lab	66.0198, 37.3807, 16.9191

Details

The Yxy color **43.5861, 0.4260, 0.3283** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.6963, 0.2545, 0.3299**, and the grayscale version is **44.5801, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.7387, 0.3567, 0.3291**, and **20.1009, 0.4588, 0.3242** is the 20% darker color. If you saturate the color by 10%, you get **35.9462, 0.4687, 0.3283**, and if you desaturate by 10%, it is **53.1469, 0.3898, 0.3284**.

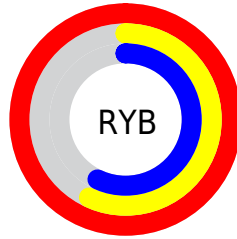
Distribution



Red (100%)

Green (57%)

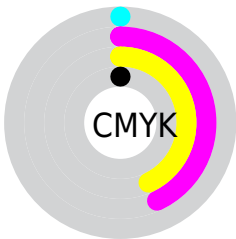
Blue (57%)



Red (100%)

Yellow (57%)

Blue (57%)

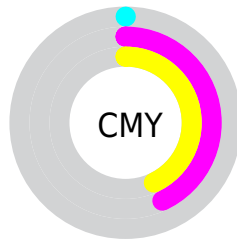


Cyan (0%)

Magenta (43%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (43%)


Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5861, 0.4260, 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 43.5861, 0.4260, 0.3283 by changing the saturation by 10% instead.


 43.5861, 0.4260,
0.3283


 43.5861, 0.4260,
0.3283


361.0166, 0.3682,
0.3308

 30.3452, 0.4406,
0.3270


 80.5946, 0.4048,
0.3297

 20.1008, 0.4594,
0.3249

 105.1310, 0.3969,
0.3301

 12.4683, 0.4843,
0.3215


134.2013, 0.3902,
0.3304

 7.0635, 0.5188,
0.3154

168.1901, 0.3845,
0.3305

 3.5018, 0.5687,
0.3038

207.4816, 0.3796,
0.3306

 1.3990, 0.6695,
0.2901

252.4602, 0.3753,

 0.2160, 0.8552,

0.3307

0.1448

303.5104, 0.3715,
0.3308

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.5861, 0.4260,
0.3283

43.5861, 0.4260,
0.3283

35.9462, 0.4687,
0.3283

53.1469, 0.3898,
0.3284

30.0995, 0.5163,
0.3283

64.7490, 0.3603,
0.3286

25.8992, 0.5639,
0.3286

78.4999, 0.3367,
0.3288

23.1764, 0.6043,
0.3290

94.5006, 0.3178,
0.3289

■ 21.7257, 0.6304,
0.3295

100.0000, 0.3127,
0.3290

■ 21.2650, 0.6394,
0.3296

Harmonies

Analogous

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



43.5861, 0.3758, 0.2828



43.5861, 0.4260, 0.3283



43.5861, 0.4410, 0.3775

Triad

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



43.5861, 0.4260, 0.3283



43.5861, 0.3048, 0.4332



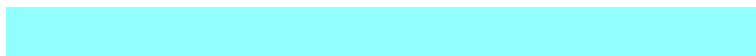
43.5861, 0.2130, 0.2337

Complementary

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



43.5861, 0.4260, 0.3283



84.6963, 0.2545, 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.



43.5861, 0.1989, 0.2611



43.5861, 0.4260, 0.3283



43.5861, 0.2478, 0.3802

Square

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



43.5861, 0.4260, 0.3283



43.5861, 0.3672, 0.4463



43.5861, 0.2104, 0.3134



43.5861, 0.2514, 0.2305

Rectangle

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



43.5861, 0.4260, 0.3283



43.5861, 0.4293, 0.4082



43.5861, 0.2104, 0.3134



43.5861, 0.2055, 0.2400

Sweetspot

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



43.5853, 0.4260, 0.3283



78.7047, 0.3364, 0.3288



48.3844, 0.3161, 0.2225



16.1543, 0.3411, 0.3287



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.



43.5853, 0.4260, 0.3283



36.7224, 0.4636, 0.3283



63.7684, 0.4013, 0.3843



17.9897, 0.3293, 0.3288



11.1126, 0.6392, 0.3295



1.0829, 0.6370, 0.3283

Inverse Universe

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



43.5853, 0.4260, 0.3283



36.7224, 0.4636, 0.3283



55.4023, 0.2433, 0.2653



17.9897, 0.3293, 0.3288



11.1126, 0.6392, 0.3295



1.0829, 0.6370, 0.3283

Previews

White Background



This preview shows how the Yxy color 43.5861, 0.4260, 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 43.5861, 0.4260, 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 43.5861, 0.4260, 0.3283

Background



This preview shows how black text looks on a background with the Yxy color 43.5861, 0.4260, 0.3283.



This preview shows how white text looks on a background with the Yxy color 43.5861, 0.4260, 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

43.5861, 0.4260, 0.3283

Protanopia

43.7266, 0.3307, 0.3478

Deuteranopia

43.8243, 0.3719, 0.3645



Tritanopia

43.5396, 0.4178, 0.3188

Trichromacy



Original Color

43.5861, 0.4260, 0.3283



Protanomaly

42.8659, 0.3633, 0.3404



Deuteranomaly

43.3202, 0.3921, 0.3506



Tritanomaly

43.4409, 0.4210, 0.3220

Monochromacy



Original Color

43.5861, 0.4260, 0.3283



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 43.5861, 0.4260, 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, 145, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 145, 146)  
}
```

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, 145, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 145, 146) }
```

Border

The CSS property to change the border of an element to Yxy 43.5861, 0.4260, 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, 145, 146) }
```

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

```
.border{ border-color:rgb(255, 145, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 145, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 145, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 145, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 145,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5861, 0.4260, 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, 145, 146) }
```

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

```
.background{ background-color: rgb(255,  
145, 146) }
```

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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