

Converting Colors

$Y_{xy}(42.6988, 0.4195, 0.3165)$

Have a look what the booklet for
Yxy(42.6988, 0.4195, 0.3165)
contains.

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Color

Yxy(42.6428, 0.4191, 0.3157)

Conversions

Conversions Part 1

Format	Color
Hex	FF8D9A
RGB	255, 141, 154
RGB Percent	100%, 55%, 60%
CMY	0.0000, 0.4471, 0.3961
CMYK	0.00, 0.45, 0.40, 0.00
HSL	353°, 100%, 78%
HSV	353°, 45%, 100%
XYZ	56.6094, 42.6428, 35.8216
YIQ	176.5680, 63.7710, 28.2110

Conversions

Conversions Part 2

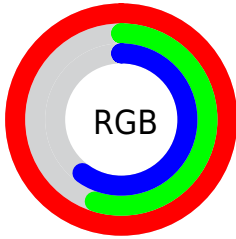
Format	Color
R _Y B	255, 141, 154
Decimal	16747930
CIE Lab	71.31, 44.34, 12.47
CIE LCh	71, 46.058, 15.709
Yxy	42.6428, 0.4191, 0.3157
Android (android.graphics.Color)	4294938010 (0xFFFF8D9A)
YUV	176.5680, -11.1260, 68.7849
Hunter-Lab	65.3015, 40.4630, 13.1871

Details

The Yxy color **42.6428, 0.4191, 0.3157** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5901, 0.2581, 0.3438**, and the grayscale version is **43.7553, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2939, 0.3511, 0.3168**, and **19.5608, 0.4507, 0.3099** is the 20% darker color. If you saturate the color by 10%, you get **35.2812, 0.4580, 0.3135**, and if you desaturate by 10%, it is **51.8652, 0.3861, 0.3186**.

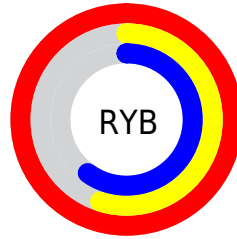
Distribution



Red (100%)

Green (55%)

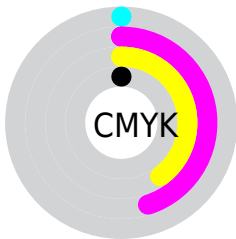
Blue (60%)



Red (100%)

Yellow (55%)

Blue (60%)

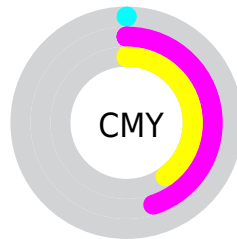


Cyan (0%)

Magenta (45%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (45%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6428, 0.4191, 0.3157 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 42.6428, 0.4191, 0.3157 by changing the saturation by 10% instead.


 42.6428, 0.4191,
0.3157

 42.6428, 0.4191,
0.3157


357.1407, 0.3647,
0.3240

 29.6050, 0.4329,
0.3131


 79.1716, 0.3991,
0.3191

 19.5389, 0.4508,
0.3096


 103.4312, 0.3917,
0.3202

 12.0603, 0.4746,
0.3043


132.2003, 0.3854,
0.3212

 6.7848, 0.5079,
0.2961

165.8632, 0.3800,
0.3219

 3.3279, 0.5568,
0.2822

204.8043, 0.3754,
0.3226

 1.3052, 0.6430,
0.2593

249.4080, 0.3714,

 0.1452, 0.8981,

0.3231

0.1019

300.0587, 0.3678,
0.3236

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 42.6428, 0.4191,
0.3157

■ 42.6428, 0.4191,
0.3157

■ 35.2812, 0.4580,
0.3135

■ 51.8652, 0.3861,
0.3186

■ 29.6694, 0.5018,
0.3125

■ 63.0821, 0.3591,
0.3217

■ 25.6570, 0.5469,
0.3133

■ 76.3946, 0.3372,
0.3248

■ 23.0760, 0.5878,
0.3163

■ 91.9020, 0.3197,
0.3277

■ 21.7209, 0.6182,
0.3213

100.0000, 0.3127,
0.3290

■ 21.3494, 0.6290,
0.3239

Harmonies

Analogous

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



42.6428, 0.3610, 0.2714



42.6428, 0.4191, 0.3157



42.6428, 0.4446, 0.3657

Triad

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



42.6428, 0.4191, 0.3157



42.6428, 0.3207, 0.4442



42.6428, 0.2045, 0.2359

Complementary

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



42.6428, 0.4191, 0.3157



83.5901, 0.2581, 0.3438

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.



42.6428, 0.1965, 0.2703



42.6428, 0.4191, 0.3157



42.6428, 0.2592, 0.3982

Square

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



42.6428, 0.4191, 0.3157



42.6428, 0.3833, 0.4462



42.6428, 0.2150, 0.3295



42.6428, 0.2377, 0.2267

Rectangle

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



42.6428, 0.4191, 0.3157



42.6428, 0.4388, 0.3985



42.6428, 0.2150, 0.3295



42.6428, 0.1990, 0.2444

Sweetspot

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



42.6370, 0.4191, 0.3157



78.8940, 0.3340, 0.3253



45.0875, 0.3065, 0.2156



16.2002, 0.3382, 0.3246



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.



42.6370, 0.4191, 0.3157



35.7470, 0.4551, 0.3136



57.7497, 0.4110, 0.3748



18.0208, 0.3276, 0.3263



11.1662, 0.6265, 0.3225



1.0976, 0.6033, 0.3097

Inverse Universe

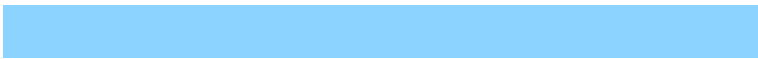
The Inverse Universe completely reimagines the original color for something new.



42.6370, 0.4191, 0.3157



35.7470, 0.4551, 0.3136



59.6147, 0.2433, 0.2768



18.0208, 0.3276, 0.3263



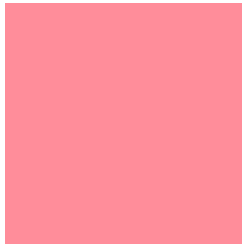
11.1662, 0.6265, 0.3225



1.0976, 0.6033, 0.3097

Previews

White Background



This preview shows how the Yxy color 42.6428, 0.4191, 0.3157 looks on a white background.

Color Contrast Check

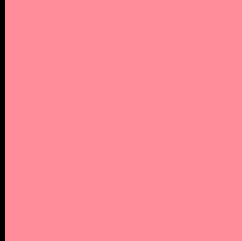
Large Text (above 18pt) WCAG AA × Fail

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 42.6428, 0.4191, 0.3157 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

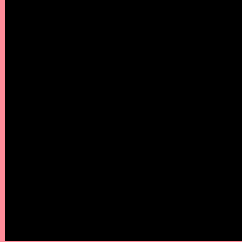
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6428, 0.4191, 0.3157

Background



This preview shows how black text looks on a background with the Yxy color 42.6428, 0.4191, 0.3157.



This preview shows how white text looks on a background with the Yxy color 42.6428, 0.4191, 0.3157.

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

42.6428, 0.4191, 0.3157

Protanopia

42.8344, 0.3188, 0.3317

Deuteranopia

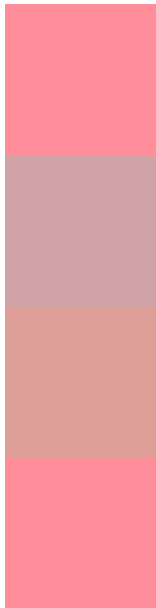
42.5927, 0.3612, 0.3536



Tritanopia

42.5768, 0.4213, 0.3178

Trichromacy



Original Color

42.6428, 0.4191, 0.3157

Protanomaly

41.8227, 0.3535, 0.3254

Deuteranomaly

42.0602, 0.3823, 0.3376

Tritanomaly

42.6097, 0.4202, 0.3168

Monochromacy



Original Color

42.6428, 0.4191, 0.3157

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.3946, 0.3473, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6428, 0.4191, 0.3157 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, 141, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 141, 154)  
}
```

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, 141, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 141, 154) }
```

Border

The CSS property to change the border of an element to Yxy 42.6428, 0.4191, 0.3157 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, 141, 154) }
```

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

```
.border{ border-color:rgb(255, 141, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 141, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 141, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 141, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 141,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6428, 0.4191, 0.3157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 141, 154) }
```

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

```
.background{ background-color: rgb(255,  
141, 154) }
```

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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