

Converting Colors

$Y_{xy}(42.9368, 0.4196, 0.3178)$

Have a look what the booklet for
Yxy(42.9368, 0.4196, 0.3178)
contains.

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Color

Yxy(42.9059, 0.4197, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FF8E99
RGB	255, 142, 153
RGB Percent	100%, 56%, 60%
CMY	0.0000, 0.4431, 0.3999
CMYK	0.00, 0.44, 0.40, 0.00
HSL	354°, 100%, 78%
HSV	354°, 44%, 100%
XYZ	56.6633, 42.9059, 35.4399
YIQ	177.0410, 63.8170, 27.3770

Conversions

Conversions Part 2

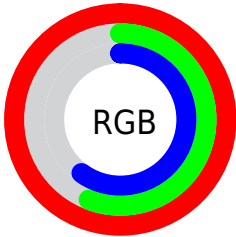
Format	Color
R _Y B	255, 142, 153
Decimal	16748185
CIE Lab	71.49, 43.70, 13.27
CIE LCh	71, 45.669, 16.894
Yxy	42.9059, 0.4197, 0.3178
Android (android.graphics.Color)	4294938265 (0xFFFF8E99)
YUV	177.0410, -11.8522, 68.3700
Hunter-Lab	65.5026, 39.7827, 13.7732

Details

The Yxy color **42.9059, 0.4197, 0.3178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.8006, 0.2576, 0.3414**, and the grayscale version is **44.0294, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6975, 0.3517, 0.3188**, and **19.7062, 0.4516, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **35.4793, 0.4592, 0.3159**, and if you desaturate by 10%, it is **52.2188, 0.3863, 0.3202**.

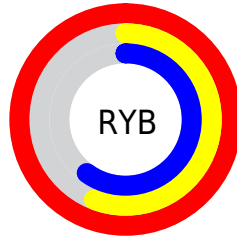
Distribution



Red (100%)

Green (56%)

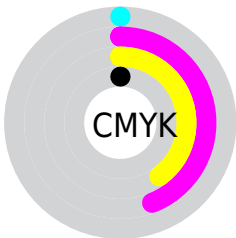
Blue (60%)



Red (100%)

Yellow (56%)

Blue (60%)

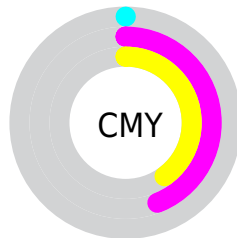


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9059, 0.4197, 0.3178 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 42.9059, 0.4197, 0.3178 by changing the saturation by 10% instead.


 42.9059, 0.4197,
0.3178


 42.9059, 0.4197,
0.3178


358.2246, 0.3650,
0.3251

 29.8113, 0.4336,
0.3155


 79.5688, 0.3996,
0.3208

 19.6954, 0.4515,
0.3122


 103.9060, 0.3921,
0.3219

 12.1738, 0.4754,
0.3073


132.7594, 0.3858,
0.3227

 6.8622, 0.5087,
0.2995

166.5135, 0.3805,
0.3234

 3.3761, 0.5576,
0.2861

205.5527, 0.3758,
0.3239

 1.3311, 0.6447,
0.2645

250.2613, 0.3718,

 0.1651, 0.8861,

0.3244

0.1139

301.0238, 0.3682,
0.3248

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

42.9059, 0.4197,
0.3178

42.9059, 0.4197,
0.3178

35.4793, 0.4592,
0.3159

52.2188, 0.3863,
0.3202

29.8043, 0.5036,
0.3151

63.5280, 0.3589,
0.3229

25.7384, 0.5493,
0.3159

76.9425, 0.3369,
0.3255

23.1141, 0.5903,
0.3185

92.5616, 0.3192,
0.3280

■ 21.7271, 0.6204,
0.3228

99.9996, 0.3127,
0.3290

■ 21.3291, 0.6314,
0.3252

Harmonies

Analogous

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



42.9059, 0.3632, 0.2735



42.9059, 0.4197, 0.3178



42.9059, 0.4434, 0.3675

Triad

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



42.9059, 0.4197, 0.3178



42.9059, 0.3181, 0.4419



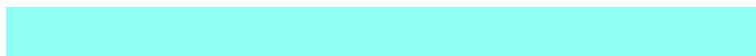
42.9059, 0.2063, 0.2359

Complementary

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



42.9059, 0.4197, 0.3178



83.8006, 0.2576, 0.3414

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.



42.9059, 0.1974, 0.2691



42.9059, 0.4197, 0.3178



42.9059, 0.2576, 0.3950

Square

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



42.9059, 0.4197, 0.3178



42.9059, 0.3804, 0.4457



42.9059, 0.2147, 0.3269



42.9059, 0.2402, 0.2278

Rectangle

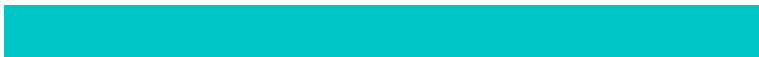
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



42.9059, 0.4197, 0.3178



42.9059, 0.4367, 0.3998



42.9059, 0.2147, 0.3269



42.9059, 0.2005, 0.2441

Sweetspot

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



42.9081, 0.4197, 0.3178



78.8636, 0.3343, 0.3258



45.7470, 0.3082, 0.2171



16.1928, 0.3387, 0.3253



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.



42.9081, 0.4197, 0.3178



36.3509, 0.4537, 0.3161



58.8396, 0.4089, 0.3763



18.0158, 0.3279, 0.3267



11.1546, 0.6292, 0.3240



1.0952, 0.6083, 0.3125

Inverse Universe

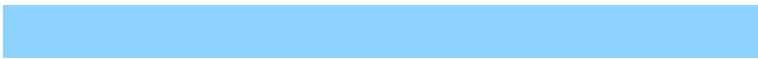
The Inverse Universe completely reimagines the original color for something new.



42.9081, 0.4197, 0.3178



36.3509, 0.4537, 0.3161



58.9663, 0.2435, 0.2750



18.0158, 0.3279, 0.3267



11.1546, 0.6292, 0.3240



1.0952, 0.6083, 0.3125

Previews

White Background



This preview shows how the Yxy color 42.9059, 0.4197, 0.3178 looks on a white background.

Color Contrast Check

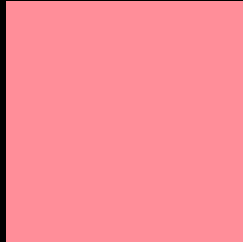
Large Text (above 18pt) WCAG AA × Fail

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 42.9059, 0.4197, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

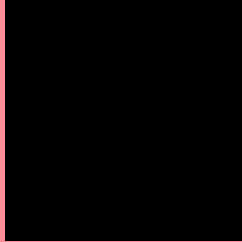
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9059, 0.4197, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 42.9059, 0.4197, 0.3178.



This preview shows how white text looks on a background with the Yxy color 42.9059, 0.4197, 0.3178.

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

42.9059, 0.4197, 0.3178

Protanopia

43.2655, 0.3213, 0.3357

Deuteranopia

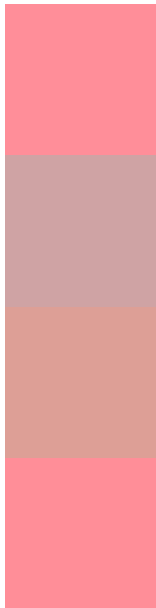
43.0706, 0.3628, 0.3560



Tritanopia

42.8730, 0.4208, 0.3189

Trichromacy



Original Color

42.9059, 0.4197, 0.3178

Protanomaly

42.1401, 0.3542, 0.3279

Deuteranomaly

42.3704, 0.3830, 0.3400

Tritanomaly

42.8730, 0.4208, 0.3189

Monochromacy



Original Color

42.9059, 0.4197, 0.3178

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

42.3572, 0.3483, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9059, 0.4197, 0.3178 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, 142, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 142, 153)  
}
```

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, 142, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 142, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.9059, 0.4197, 0.3178 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, 142, 153) }
```

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

```
.border{ border-color:rgb(255, 142, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 142, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 142, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 142, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 142,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9059, 0.4197, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 142, 153) }
```

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

```
.background{ background-color: rgb(255,  
142, 153) }
```

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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