

Converting Colors

$Y_{xy}(44.5961, 0.4122, 0.3178)$

Have a look what the booklet for
Yxy(44.5961, 0.4122, 0.3178)
contains.

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Color

Yxy(44.5961, 0.4122, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FF939E
RGB	255, 147, 158
RGB Percent	100%, 58%, 62%
CMY	0.0000, 0.4235, 0.3805
CMYK	0.00, 0.42, 0.38, 0.00
HSL	354°, 100%, 79%
HSV	354°, 42%, 100%
XYZ	57.8430, 44.5961, 37.8884
YIQ	180.5460, 60.8370, 26.3170

Conversions

Conversions Part 2

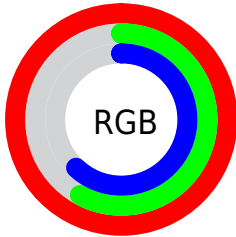
Format	Color
R_{YB}	255, 147, 158
Decimal	16749470
CIE _{Lab}	72.63, 41.71, 12.13
CIE _{LCh}	73, 43.438, 16.213
Yxy	44.5961, 0.4122, 0.3178
Android (android.graphics.Color)	4294939550 (0xFFFF939E)
YUV	180.5460, -11.1152, 65.2962
Hunter-Lab	66.7803, 37.7456, 13.1075

Details

The Yxy color **44.5961, 0.4122, 0.3178** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.2587, 0.2597, 0.3413**, and the grayscale version is **45.9873, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.3052, 0.3461, 0.3179**, and **20.6690, 0.4406, 0.3123** is the 20% darker color. If you saturate the color by 10%, you get **36.8097, 0.4504, 0.3157**, and if you desaturate by 10%, it is **54.2908, 0.3802, 0.3204**.

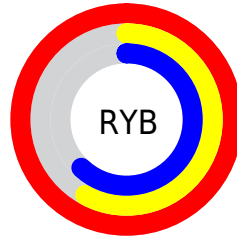
Distribution



Red (100%)

Green (58%)

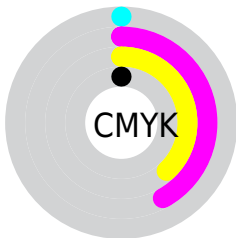
Blue (62%)



Red (100%)

Yellow (58%)

Blue (62%)

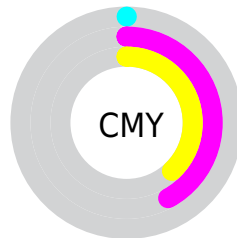


Cyan (0%)

Magenta (42%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (42%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5961, 0.4122, 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 44.5961, 0.4122, 0.3178 by changing the saturation by 10% instead.


 44.5961, 0.4122,
0.3178

 44.5961, 0.4122,
0.3178


365.1353, 0.3617,
0.3248

 31.1394, 0.4249,
0.3156


 82.1140, 0.3937,
0.3207

 20.7050, 0.4414,
0.3126


 106.9440, 0.3868,
0.3217

 12.9086, 0.4632,
0.3082


136.3338, 0.3810,
0.3224

 7.3656, 0.4935,
0.3012

170.6680, 0.3760,
0.3231

 3.6918, 0.5381,
0.2895

210.3308, 0.3717,
0.3236

 1.5027, 0.6112,
0.2684

255.7067, 0.3679,

 0.2906, 0.8261,

0.3241

0.1739

307.1801, 0.3646,
0.3245

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5961, 0.4122,
0.3178

44.5961, 0.4122,
0.3178

36.8097, 0.4504,
0.3157

54.2908, 0.3802,
0.3204

30.8004, 0.4938,
0.3145

66.0025, 0.3541,
0.3232

26.4294, 0.5395,
0.3149

79.8382, 0.3330,
0.3259

23.5345, 0.5820,
0.3173

95.8960, 0.3162,
0.3284

■ 21.9205, 0.6148,
0.3215

100.0000, 0.3127,
0.3290

■ 21.3339, 0.6309,
0.3249

Harmonies

Analogous

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



44.5961, 0.3588, 0.2757



44.5961, 0.4122, 0.3178



44.5961, 0.4355, 0.3650

Triad

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



44.5961, 0.4122, 0.3178



44.5961, 0.3197, 0.4349



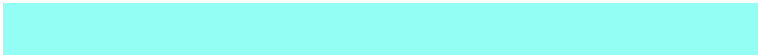
44.5961, 0.2115, 0.2417

Complementary

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



44.5961, 0.4122, 0.3178



84.2587, 0.2597, 0.3413

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.



44.5961, 0.2037, 0.2740



44.5961, 0.4122, 0.3178



44.5961, 0.2623, 0.3920

Square

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



44.5961, 0.4122, 0.3178



44.5961, 0.3782, 0.4384



44.5961, 0.2209, 0.3288



44.5961, 0.2433, 0.2331

Rectangle

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



44.5961, 0.4122, 0.3178



44.5961, 0.4301, 0.3955



44.5961, 0.2209, 0.3288



44.5961, 0.2062, 0.2497

Sweetspot

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



44.5979, 0.4122, 0.3178



78.8707, 0.3343, 0.3257



47.0390, 0.3070, 0.2213



16.1945, 0.3386, 0.3251



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.



44.5979, 0.4122, 0.3178



37.7535, 0.4449, 0.3159



59.5073, 0.4042, 0.3724



18.0170, 0.3278, 0.3266



11.1572, 0.6286, 0.3237



1.0958, 0.6072, 0.3118

Inverse Universe

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



44.5979, 0.4122, 0.3178



37.7535, 0.4449, 0.3159



61.3170, 0.2468, 0.2801



18.0170, 0.3278, 0.3266



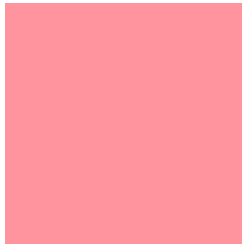
11.1572, 0.6286, 0.3237



1.0958, 0.6072, 0.3118

Previews

White Background



This preview shows how the Yxy color 44.5961, 0.4122, 0.3178 looks on a white background.

Color Contrast Check

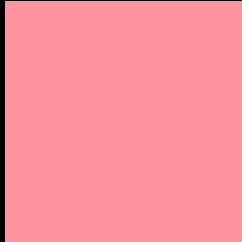
Large Text (above 18pt) WCAG AA × Fail

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 44.5961, 0.4122, 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 44.5961, 0.4122, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 44.5961, 0.4122, 0.3178.



This preview shows how white text looks on a background with the Yxy color 44.5961, 0.4122, 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

44.5961, 0.4122, 0.3178

Protanopia

44.9641, 0.3204, 0.3343

Deuteranopia

44.8173, 0.3592, 0.3518



Tritanopia

44.5961, 0.4122, 0.3178

Trichromacy



Original Color

44.5961, 0.4122, 0.3178



Protanomaly

44.0199, 0.3514, 0.3279



Deuteranomaly

44.2489, 0.3785, 0.3387



Tritanomaly

44.5961, 0.4122, 0.3178

Monochromacy



Original Color

44.5961, 0.4122, 0.3178



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8030, 0.3454, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5961, 0.4122, 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, 147, 158)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 158)  
}
```

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, 147, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 158) }
```

Border

The CSS property to change the border of an element to Yxy 44.5961, 0.4122, 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, 147, 158) }
```

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

```
.border{ border-color:rgb(255, 147, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 147, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 158);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5961, 0.4122, 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, 147, 158) }
```

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

```
.background{ background-color: rgb(255,  
147, 158) }
```

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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