

Converting Colors

$Y_{xy}(100.0000, 0.5382, 0.3253)$

Have a look what the booklet for
Yxy(100.0000, 0.5382, 0.3253)
contains.

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Color

Yxy(44.5277, 0.4143, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FF939C
RGB	255, 147, 156
RGB Percent	100%, 58%, 61%
CMY	0.0001, 0.4234, 0.3883
CMYK	0.00, 0.42, 0.39, 0.00
HSL	355°, 100%, 79%
HSV	355°, 42%, 100%
XYZ	57.6675, 44.5277, 36.9974
YIQ	180.3180, 61.4790, 25.6950

Conversions

Conversions Part 2

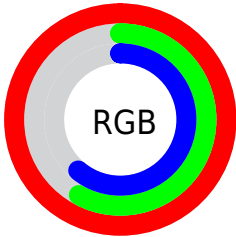
Format	Color
R_{YB}	255, 147, 156
Decimal	16749468
CIE _{Lab}	72.58, 41.48, 13.16
CIE _{LCh}	73, 43.515, 17.606
Yxy	44.5277, 0.4143, 0.3199
Android (android.graphics.Color)	4294939548 (0xFFFF939C)
YUV	180.3180, -11.9888, 65.4961
Hunter-Lab	66.7291, 37.4844, 13.8375

Details

The Yxy color **44.5277, 0.4143, 0.3199** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3677, 0.2589, 0.3390**, and the grayscale version is **45.8640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.1542, 0.3484, 0.3209**, and **20.6274, 0.4436, 0.3149** is the 20% darker color. If you saturate the color by 10%, you get **36.7409, 0.4533, 0.3182**, and if you desaturate by 10%, it is **54.2287, 0.3816, 0.3220**.

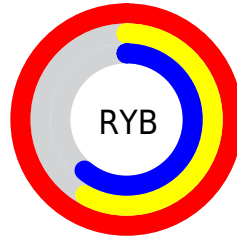
Distribution



Red (100%)

Green (58%)

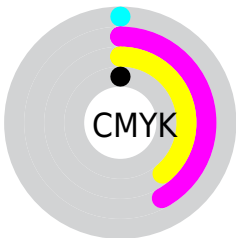
Blue (61%)



Red (100%)

Yellow (58%)

Blue (61%)

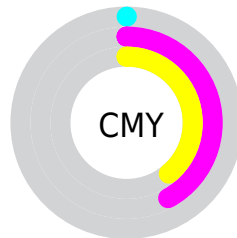


Cyan (0%)

Magenta (42%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5277, 0.4143, 0.3199 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 44.5277, 0.4143, 0.3199 by changing the saturation by 10% instead.

 44.5277, 0.4143,
0.3199


 44.5277, 0.4143,
0.3199


364.8574, 0.3627,
0.3260

 31.0856, 0.4273,
0.3179


 82.0112, 0.3954,
0.3225

 20.6640, 0.4441,
0.3151


 106.8214, 0.3884,
0.3233

 12.8786, 0.4664,
0.3109


136.1897, 0.3824,
0.3240

 7.3450, 0.4973,
0.3043

170.5006, 0.3773,
0.3246

 3.6788, 0.5427,
0.2928

210.1384, 0.3729,
0.3250

 1.4956, 0.6188,
0.2726

255.4875, 0.3691,

 0.2856, 0.8271,

0.3254

0.1729

306.9324, 0.3657,
0.3257

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.5277, 0.4143,
0.3199

44.5277, 0.4143,
0.3199

36.7409, 0.4533,
0.3182

54.2287, 0.3816,
0.3220

30.7353, 0.4976,
0.3174

65.9520, 0.3549,
0.3243

26.3720, 0.5438,
0.3178

79.8054, 0.3334,
0.3265

23.4880, 0.5863,
0.3199

95.8874, 0.3162,
0.3285

■ 21.8871, 0.6183,
0.3234

99.9962, 0.3127,
0.3290

■ 21.3110, 0.6332,
0.3262

Harmonies

Analogous

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



44.5277, 0.3618, 0.2773



44.5277, 0.4143, 0.3199



44.5277, 0.4359, 0.3673

Triad

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



44.5277, 0.4143, 0.3199



44.5277, 0.3168, 0.4340



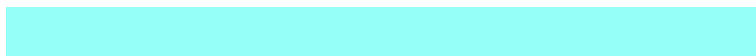
44.5277, 0.2123, 0.2406

Complementary

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



44.5277, 0.4143, 0.3199



84.3677, 0.2589, 0.3390

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.



44.5277, 0.2033, 0.2718



44.5277, 0.4143, 0.3199



44.5277, 0.2598, 0.3894

Square

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



44.5277, 0.4143, 0.3199



44.5277, 0.3758, 0.4393



44.5277, 0.2194, 0.3259



44.5277, 0.2452, 0.2331

Rectangle

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



44.5277, 0.4143, 0.3199



44.5277, 0.4293, 0.3976



44.5277, 0.2194, 0.3259



44.5277, 0.2065, 0.2483

Sweetspot

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



44.5299, 0.4143, 0.3199



78.8373, 0.3347, 0.3263



47.6827, 0.3100, 0.2223



16.1864, 0.3391, 0.3258



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.



44.5299, 0.4143, 0.3199



37.6847, 0.4477, 0.3184



61.0647, 0.4025, 0.3761



18.0115, 0.3281, 0.3271



11.1458, 0.6313, 0.3251



1.0932, 0.6128, 0.3149

Inverse Universe

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



44.5299, 0.4143, 0.3199



37.6847, 0.4477, 0.3184



59.5157, 0.2461, 0.2756



18.0115, 0.3281, 0.3271



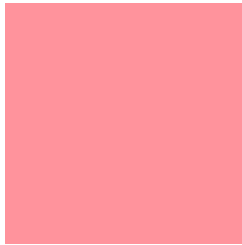
11.1458, 0.6313, 0.3251



1.0932, 0.6128, 0.3149

Previews

White Background



This preview shows how the Yxy color 44.5277, 0.4143, 0.3199 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 44.5277, 0.4143, 0.3199 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 44.5277, 0.4143, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 44.5277, 0.4143, 0.3199.

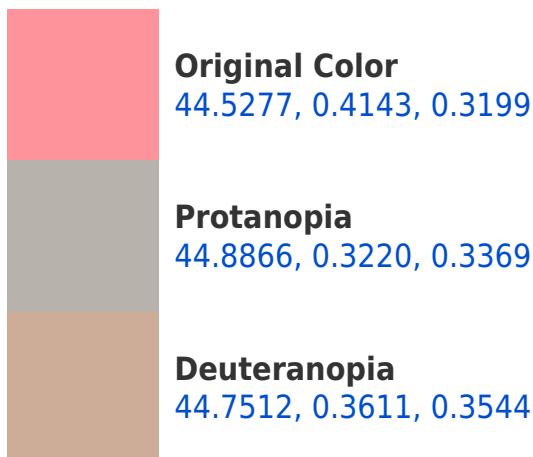


This preview shows how white text looks on a background with the Yxy color 44.5277, 0.4143, 0.3199.

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

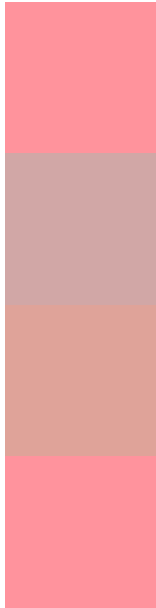




Tritanopia

44.5961, 0.4122, 0.3178

Trichromacy



Original Color

44.5277, 0.4143, 0.3199

Protanomaly

43.9459, 0.3533, 0.3304

Deuteranomaly

44.1823, 0.3804, 0.3411

Tritanomaly

44.5618, 0.4132, 0.3188

Monochromacy



Original Color

44.5277, 0.4143, 0.3199

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.2109, 0.3465, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5277, 0.4143, 0.3199 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, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 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, 147, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 156) }
```

Border

The CSS property to change the border of an element to Yxy 44.5277, 0.4143, 0.3199 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, 156) }
```

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

```
.border{ border-color:rgb(255, 147, 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, 147, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5277, 0.4143, 0.3199 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, 156) }
```

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

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