

Converting Colors

$Y_{xy}(44.6611, 0.4095, 0.3150)$

Have a look what the booklet for
Yxy(44.6611, 0.4095, 0.3150)
contains.

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Color

Yxy(44.7006, 0.4089, 0.3146)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | FF93A1 |
| RGB | 255, 147, 161 |
| RGB Percent | 100%, 58%, 63% |
| CMY | 0.0001, 0.4234, 0.3686 |
| CMYK | 0.00, 0.42, 0.37, 0.00 |
| HSL | 352°, 100%, 79% |
| HSV | 352°, 42%, 100% |
| XYZ | 58.0994, 44.7006, 39.2871 |
| YIQ | 180.8880, 59.8740, 27.2500 |

Conversions

Conversions Part 2

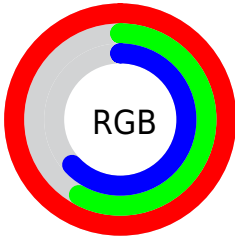
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 255, 147, 161 |
| Decimal | 16749473 |
| CIE _{Lab} | 72.69, 42.04, 10.54 |
| CIE _{LCh} | 73, 43.338, 14.073 |
| Yxy | 44.7006, 0.4089, 0.3146 |
| Android (android.graphics.Color) | 4294939553 (0xFFFF93A1) |
| YUV | 180.8880, -9.8048, 64.9962 |
| Hunter-Lab | 66.8585, 38.1124, 11.9612 |

Details

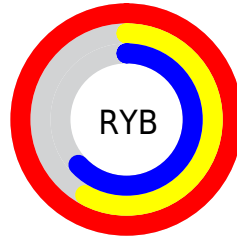
The Yxy color **44.7006, 0.4089, 0.3146** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0572, 0.2611, 0.3448**, and the grayscale version is **46.1771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.9297, 0.3436, 0.3158**, and **20.7333, 0.4359, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **36.9163, 0.4458, 0.3118**, and if you desaturate by 10%, it is **54.3855, 0.3780, 0.3180**.

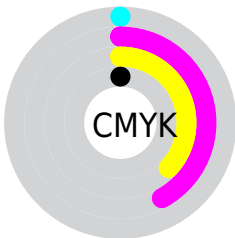
Distribution



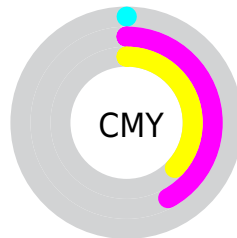
- Red (100%)
- Green (58%)
- Blue (63%)



- Red (100%)
- Yellow (58%)
- Blue (63%)



- Cyan (0%)
- Magenta (42%)
- Yellow (37%)
- Black (0%)




- Cyan (0%)
- Magenta (42%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.7006, 0.4089, 0.3146 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 44.7006, 0.4089, 0.3146 by changing the saturation by 10% instead.

 44.7006, 0.4089,
0.3146


 44.7006, 0.4089,
0.3146


365.5596, 0.3601,
0.3230

 31.2217, 0.4212,
0.3121


 82.2709, 0.3911,
0.3179

 20.7677, 0.4370,
0.3088


 107.1311, 0.3844,
0.3191

 12.9543, 0.4581,
0.3039


136.5539, 0.3788,
0.3201

 7.3971, 0.4875,
0.2966

170.9236, 0.3739,
0.3209

 3.7117, 0.5306,
0.2844

210.6246, 0.3698,
0.3215

 1.5136, 0.6000,
0.2624

256.0414, 0.3661,

 0.2983, 0.8245,

0.3221

0.1755

307.5582, 0.3629,
0.3226

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.7006, 0.4089,
0.3146

44.7006, 0.4089,
0.3146

36.9163, 0.4458,
0.3118

54.3855, 0.3780,
0.3180

30.9011, 0.4879,
0.3102

66.0778, 0.3527,
0.3215

26.5176, 0.5326,
0.3104

79.8843, 0.3324,
0.3250

23.6049, 0.5749,
0.3131

95.9021, 0.3160,
0.3283

■ 21.9694, 0.6088,
0.3181

99.9946, 0.3127,
0.3290

■ 21.3646, 0.6265,
0.3225

Harmonies

Analogous

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



44.7006, 0.3543, 0.2733



44.7006, 0.4089, 0.3146



44.7006, 0.4347, 0.3616

Triad

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



44.7006, 0.4089, 0.3146



44.7006, 0.3240, 0.4361



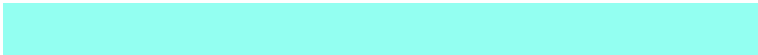
44.7006, 0.2104, 0.2434

Complementary

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



44.7006, 0.4089, 0.3146



84.0572, 0.2611, 0.3448

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.



44.7006, 0.2044, 0.2774



44.7006, 0.4089, 0.3146



44.7006, 0.2661, 0.3958

Square

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



44.7006, 0.4089, 0.3146



44.7006, 0.3818, 0.4368



44.7006, 0.2234, 0.3333



44.7006, 0.2405, 0.2332

Rectangle

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



44.7006, 0.4089, 0.3146



44.7006, 0.4311, 0.3923



44.7006, 0.2234, 0.3333



44.7006, 0.2057, 0.2520

Sweetspot

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



44.7028, 0.4089, 0.3146



78.9218, 0.3336, 0.3248



46.7196, 0.3055, 0.2209



16.2070, 0.3378, 0.3240



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.



44.7028, 0.4089, 0.3146



37.8615, 0.4405, 0.3121



58.7350, 0.4050, 0.3706



18.0254, 0.3274, 0.3259



11.1780, 0.6238, 0.3210



1.0997, 0.5988, 0.3072

Inverse Universe

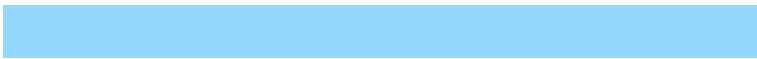
The Inverse Universe completely reimagines the original color for something new.



44.7028, 0.4089, 0.3146



37.8615, 0.4405, 0.3121



62.2234, 0.2472, 0.2823



18.0254, 0.3274, 0.3259



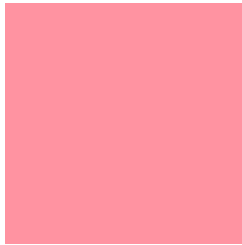
11.1780, 0.6238, 0.3210



1.0997, 0.5988, 0.3072

Previews

White Background



This preview shows how the Yxy color 44.7006, 0.4089, 0.3146 looks on a white background.

Color Contrast Check

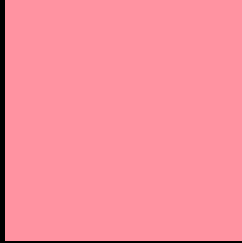
Large Text (above 18pt) WCAG AA × Fail

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 44.7006, 0.4089, 0.3146 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 44.7006, 0.4089, 0.3146

Background



This preview shows how black text looks on a background with the Yxy color 44.7006, 0.4089, 0.3146.



This preview shows how white text looks on a background with the Yxy color 44.7006, 0.4089, 0.3146.

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

44.7006, 0.4089, 0.3146

Protanopia

45.0002, 0.3162, 0.3290

Deuteranopia

44.7767, 0.3555, 0.3481



Tritanopia

44.5961, 0.4122, 0.3178

Trichromacy



Original Color

44.7006, 0.4089, 0.3146



Protanomaly

44.1713, 0.3477, 0.3229



Deuteranomaly

44.3510, 0.3755, 0.3351



Tritanomaly

44.6306, 0.4111, 0.3167

Monochromacy



Original Color

44.7006, 0.4089, 0.3146



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.8418, 0.3445, 0.3229

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.7006, 0.4089, 0.3146 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 147, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 147, 161) }
```

Border

The CSS property to change the border of an element to Yxy 44.7006, 0.4089, 0.3146 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, 161) }
```

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

```
.border{ border-color:rgb(255, 147, 161) }
```

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, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 147, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 147, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 147,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 44.7006, 0.4089, 0.3146 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
147, 161) }
```

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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