

Converting Colors

Yxy(46.0764, 0.3897, 0.3111)

Have a look what the booklet for
Yxy(46.0764, 0.3897, 0.3111)
contains.

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Color

Yxy(46.0079, 0.3893, 0.3109)

Conversions

Conversions Part 1

Format	Color
Hex	F89AAB
RGB	248, 154, 171
RGB Percent	97%, 60%, 67%
CMY	0.0276, 0.3960, 0.3295
CMYK	0.00, 0.38, 0.31, 0.03
HSL	349°, 87%, 79%
HSV	349°, 38%, 97%
XYZ	57.6098, 46.0079, 44.3653
YIQ	184.0440, 50.5670, 25.2150

Conversions

Conversions Part 2

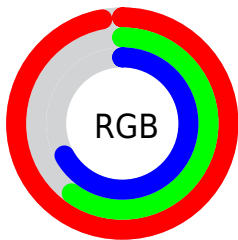
Format	Color
R_{YB}	248, 154, 171
Decimal	16292523
CIE _{Lab}	73.55, 37.15, 6.13
CIE _{LCh}	74, 37.653, 9.364
Yxy	46.0079, 0.3893, 0.3109
Android (android.graphics.Color)	4294482603 (0xFFFF89AAB)
YUV	184.0440, -6.4307, 56.0894
Hunter-Lab	67.8291, 32.9056, 8.7003

Details

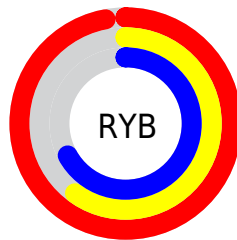
The Yxy color **46.0079, 0.3893, 0.3109** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.7612, 0.2679, 0.3485**, and the grayscale version is **47.9751, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.3519, 0.3353, 0.3119**, and **21.4581, 0.4109, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **37.9352, 0.4212, 0.3065**, and if you desaturate by 10%, it is **55.8949, 0.3629, 0.3158**.

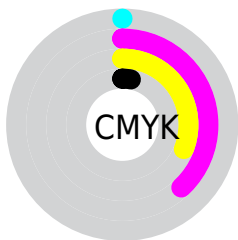
Distribution



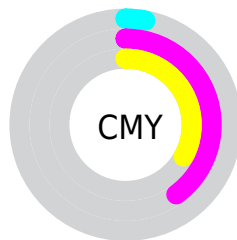
- Red (97%)
- Green (60%)
- Blue (67%)



- Red (97%)
- Yellow (60%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (31%)
- Black (3%)




- Cyan (3%)
- Magenta (40%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.0079, 0.3893, 0.3109 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 46.0079, 0.3893, 0.3109 by changing the saturation by 10% instead.


 46.0079, 0.3893,
0.3109

 46.0079, 0.3893,
0.3109

370.8404, 0.3507,
0.3206

 32.2521, 0.3990,
0.3083


 84.2308, 0.3752,
0.3145

 21.5541, 0.4114,
0.3049

 109.4667, 0.3700,
0.3159

 13.5296, 0.4280,
0.3002


139.2980, 0.3655,
0.3170

 7.7943, 0.4511,
0.2934

174.1092, 0.3617,
0.3179

 3.9636, 0.4853,
0.2826

214.2846, 0.3584,
0.3187

 1.6532, 0.5405,
0.2639

260.2087, 0.3555,

 0.3931, 0.7759,

0.3194

0.2241

312.2658, 0.3530,
0.3200

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.0079, 0.3893,
0.3109

46.0079, 0.3893,
0.3109

37.9352, 0.4212,
0.3065

55.8949, 0.3629,
0.3158

31.5597, 0.4586,
0.3031

67.6904, 0.3414,
0.3207

26.7614, 0.5001,
0.3017

81.4901, 0.3240,
0.3255

23.4015, 0.5426,
0.3031

97.3814, 0.3100,
0.3299

■ 21.3166, 0.5812,
0.3078

■ 98.6917, 0.3084,
0.3290

■ 20.2878, 0.6109,
0.3152

■ 20.1395, 0.6160,
0.3167

Harmonies

Analogous

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



46.0079, 0.3403, 0.2755



46.0079, 0.3893, 0.3109



46.0079, 0.4163, 0.3521

Triad

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



46.0079, 0.3893, 0.3109



46.0079, 0.3316, 0.4226



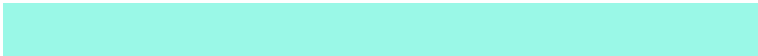
46.0079, 0.2209, 0.2582

Complementary

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



46.0079, 0.3893, 0.3109



79.7612, 0.2679, 0.3485

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.



46.0079, 0.2192, 0.2918



46.0079, 0.3893, 0.3109



46.0079, 0.2803, 0.3930

Square

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



46.0079, 0.3893, 0.3109



46.0079, 0.3802, 0.4197



46.0079, 0.2398, 0.3419



46.0079, 0.2445, 0.2454

Rectangle

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



46.0079, 0.3893, 0.3109



46.0079, 0.4170, 0.3793



46.0079, 0.2398, 0.3419



46.0079, 0.2179, 0.2671

Sweetspot

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



46.0101, 0.3893, 0.3109



81.9979, 0.3290, 0.3240



46.8416, 0.3026, 0.2310



17.1161, 0.3313, 0.3234



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.



46.0101, 0.3893, 0.3109



42.6615, 0.4116, 0.3076



56.4726, 0.3942, 0.3612



17.2764, 0.3265, 0.3247



10.8964, 0.6127, 0.3149



1.0227, 0.5823, 0.2981

Inverse Universe

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



46.0101, 0.3893, 0.3109



42.6615, 0.4116, 0.3076



63.9064, 0.2547, 0.2938



17.2764, 0.3265, 0.3247



10.8964, 0.6127, 0.3149



1.0227, 0.5823, 0.2981

Previews

White Background



This preview shows how the Yxy color 46.0079, 0.3893, 0.3109 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 46.0079, 0.3893, 0.3109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

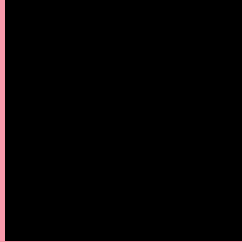
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.0079, 0.3893, 0.3109

Background



This preview shows how black text looks on a background with the Yxy color 46.0079, 0.3893, 0.3109.



This preview shows how white text looks on a background with the Yxy color 46.0079, 0.3893, 0.3109.

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

46.0079, 0.3893, 0.3109

Protanopia

46.2550, 0.3105, 0.3212

Deuteranopia

46.2873, 0.3458, 0.3391



Tritanopia

46.1523, 0.3941, 0.3173

Trichromacy



Original Color

46.0079, 0.3893, 0.3109



Protanomaly

45.7274, 0.3369, 0.3168



Deuteranomaly

45.6802, 0.3619, 0.3280



Tritanomaly

46.2263, 0.3921, 0.3152

Monochromacy



Original Color

46.0079, 0.3893, 0.3109



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.4072, 0.3384, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.0079, 0.3893, 0.3109 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(248, 154, 171)` looks like.

```
.text, #text, p{  
    color:rgb(248, 154, 171)  
}
```

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(248, 154, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 154, 171) }
```

Border

The CSS property to change the border of an element to Yxy 46.0079, 0.3893, 0.3109 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(248, 154, 171) }
```

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

```
.border{ border-color:rgb(248, 154, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 154, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 154, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 154, 171);  
box-shadow:4px 4px 4px 4px rgb(248, 154,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 46.0079, 0.3893, 0.3109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 154, 171) }
```

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

```
.background{ background-color: rgb(248,  
154, 171) }
```

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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