

Converting Colors

$Y_{xy}(46.2899, 0.3981, 0.3095)$

Have a look what the booklet for
Yxy(46.2899, 0.3981, 0.3095)
contains.

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Color

Yxy(46.2955, 0.3979, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	FF97AA
RGB	255, 151, 170
RGB Percent	100%, 59%, 67%
CMY	0.0001, 0.4078, 0.3333
CMYK	0.00, 0.41, 0.33, 0.00
HSL	349°, 100%, 80%
HSV	349°, 41%, 100%
XYZ	59.5570, 46.2955, 43.8258
YIQ	184.2620, 55.8850, 27.9570

Conversions

Conversions Part 2

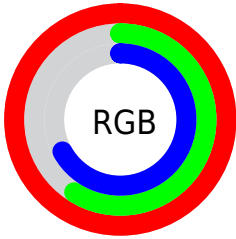
Format	Color
R _Y B	255, 151, 170
Decimal	16750506
CIE Lab	73.74, 41.06, 7.05
CIE LCh	74, 41.664, 9.743
Yxy	46.2955, 0.3979, 0.3093
Android (android.graphics.Color)	4294940586 (0xFFFF97AA)
YUV	184.2620, -7.0312, 62.0372
Hunter-Lab	68.0408, 37.1720, 9.4392

Details

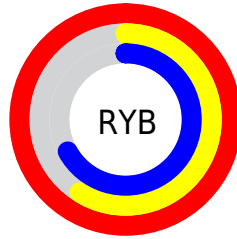
The Yxy color **46.2955, 0.3979, 0.3093** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.1454, 0.2652, 0.3505**, and the grayscale version is **48.1036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.3219, 0.3363, 0.3109**, and **21.7791, 0.4227, 0.3028** is the 20% darker color. If you saturate the color by 10%, you get **38.2306, 0.4314, 0.3050**, and if you desaturate by 10%, it is **56.2646, 0.3699, 0.3142**.

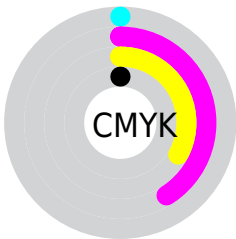
Distribution



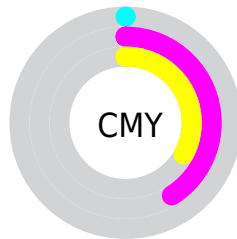
- Red (100%)
- Green (59%)
- Blue (67%)



- Red (100%)
- Yellow (59%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.2955, 0.3979, 0.3093 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 46.2955, 0.3979, 0.3093 by changing the saturation by 10% instead.

 46.2955, 0.3979,
0.3093


 46.2955, 0.3979,
0.3093


371.9954, 0.3550,
0.3199

 32.4791, 0.4086,
0.3064


 84.6611, 0.3823,
0.3133

 21.7277, 0.4224,
0.3027


 109.9790, 0.3764,
0.3148

 13.6569, 0.4407,
0.2975


139.8995, 0.3715,
0.3160

 7.8825, 0.4661,
0.2899

174.8071, 0.3672,
0.3170

 4.0198, 0.5035,
0.2780

215.0861, 0.3636,
0.3179

 1.6847, 0.5629,
0.2573

261.1208, 0.3604,

 0.4137, 0.7867,

0.3187

0.2133

313.2958, 0.3575,
0.3193

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.2955, 0.3979,
0.3093

46.2955, 0.3979,
0.3093

38.2306, 0.4314,
0.3050

56.2646, 0.3699,
0.3142

31.9418, 0.4702,
0.3021

68.2419, 0.3471,
0.3192

27.2957, 0.5124,
0.3014

82.3317, 0.3286,
0.3241

24.1373, 0.5543,
0.3038

98.6293, 0.3137,
0.3287

■ 22.2812, 0.5907,
0.3095

99.9965, 0.3127,
0.3290

■ 21.4581, 0.6158,
0.3166

Harmonies

Analogous

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



46.2955, 0.3437, 0.2709



46.2955, 0.3979, 0.3093



46.2955, 0.4272, 0.3541

Triad

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



46.2955, 0.3979, 0.3093



46.2955, 0.3321, 0.4329



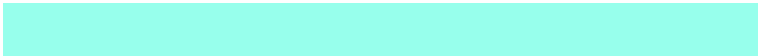
46.2955, 0.2126, 0.2507

Complementary

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



46.2955, 0.3979, 0.3093



84.1454, 0.2652, 0.3505

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.



46.2955, 0.2103, 0.2868



46.2955, 0.3979, 0.3093



46.2955, 0.2759, 0.3996

Square

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



46.2955, 0.3979, 0.3093



46.2955, 0.3858, 0.4290



46.2955, 0.2322, 0.3421



46.2955, 0.2384, 0.2376

Rectangle

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



46.2955, 0.3979, 0.3093



46.2955, 0.4274, 0.3838



46.2955, 0.2322, 0.3421



46.2955, 0.2092, 0.2602

Sweetspot

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



46.2978, 0.3979, 0.3093



80.4990, 0.3307, 0.3235



47.1773, 0.3015, 0.2234



16.8172, 0.3329, 0.3229



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.



46.2978, 0.3979, 0.3093



39.5339, 0.4251, 0.3057



57.7474, 0.4028, 0.3637



18.0412, 0.3265, 0.3247



11.2297, 0.6124, 0.3147



1.1073, 0.5835, 0.2988

Inverse Universe

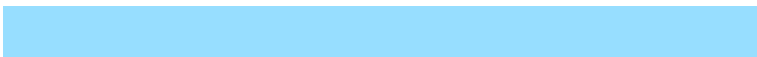
The Inverse Universe completely reimagines the original color for something new.



46.2978, 0.3979, 0.3093



39.5339, 0.4251, 0.3057



66.0741, 0.2505, 0.2906



18.0412, 0.3265, 0.3247



11.2297, 0.6124, 0.3147



1.1073, 0.5835, 0.2988

Previews

White Background



This preview shows how the Yxy color 46.2955, 0.3979, 0.3093 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 46.2955, 0.3979, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

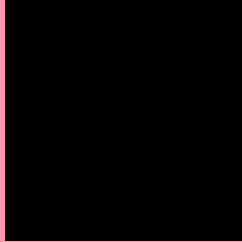
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.2955, 0.3979, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 46.2955, 0.3979, 0.3093.



This preview shows how white text looks on a background with the Yxy color 46.2955, 0.3979, 0.3093.

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

46.2955, 0.3979, 0.3093

Protanopia

46.7029, 0.3097, 0.3212

Deuteranopia

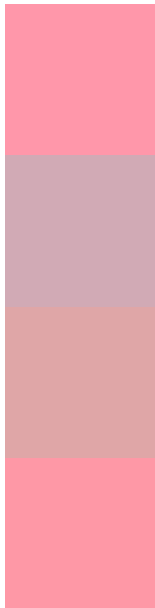
46.3923, 0.3476, 0.3403



Tritanopia

46.1716, 0.4039, 0.3177

Trichromacy



Original Color

46.2955, 0.3979, 0.3093

Protanomaly

45.6410, 0.3389, 0.3157

Deuteranomaly

45.7504, 0.3659, 0.3280

Tritanomaly

46.2805, 0.4008, 0.3145

Monochromacy



Original Color

46.2955, 0.3979, 0.3093

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

46.4614, 0.3413, 0.3206

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.2955, 0.3979, 0.3093 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, 151, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 170)  
}
```

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, 151, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 170) }
```

Border

The CSS property to change the border of an element to Yxy 46.2955, 0.3979, 0.3093 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, 151, 170) }
```

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

```
.border{ border-color:rgb(255, 151, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 46.2955, 0.3979, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 170) }
```

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

```
.background{ background-color: rgb(255,  
151, 170) }
```

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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