

Converting Colors

$Y_{xy}(45.3625, 0.4028, 0.3107)$

Have a look what the booklet for
Yxy(45.3625, 0.4028, 0.3107)
contains.

Yxy(45.5081, 0.4028, 0.3114)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(45.5081, 0.4028, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	FF95A6
RGB	255, 149, 166
RGB Percent	100%, 58%, 65%
CMY	0.0001, 0.4156, 0.3489
CMYK	0.00, 0.42, 0.35, 0.00
HSL	350°, 100%, 79%
HSV	350°, 42%, 100%
XYZ	58.8653, 45.5081, 41.7669
YIQ	182.6320, 57.7190, 27.7590

Conversions

Conversions Part 2

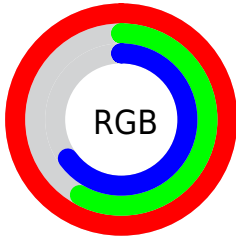
Format	Color
R _Y B	255, 149, 166
Decimal	16749990
CIE Lab	73.23, 41.61, 8.52
CIE LCh	73, 42.469, 11.571
Yxy	45.5081, 0.4028, 0.3114
Android (android.graphics.Color)	4294940070 (0xFFFF95A6)
YUV	182.6320, -8.1996, 63.4667
Hunter-Lab	67.4597, 37.7046, 10.5130

Details

The Yxy color **45.5081, 0.4028, 0.3114** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0679, 0.2634, 0.3483**, and the grayscale version is **47.1667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1431, 0.3395, 0.3129**, and **21.3164, 0.4299, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **37.5836, 0.4378, 0.3078**, and if you desaturate by 10%, it is **55.3338, 0.3735, 0.3157**.

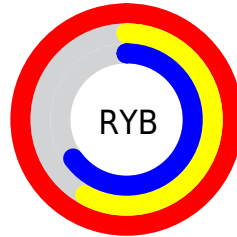
Distribution



Red (100%)

Green (58%)

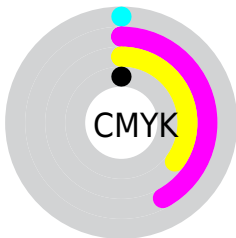
Blue (65%)



Red (100%)

Yellow (58%)

Blue (65%)

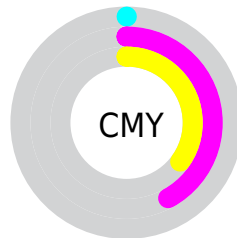


Cyan (0%)

Magenta (42%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (42%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.5081, 0.4028, 0.3114 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 45.5081, 0.4028, 0.3114 by changing the saturation by 10% instead.

 45.5081, 0.4028,
0.3114


 45.5081, 0.4028,
0.3114


368.8275, 0.3573,
0.3212

 31.8578, 0.4142,
0.3087

 83.4823, 0.3862,
0.3152

 21.2529, 0.4289,
0.3051


 108.5751, 0.3800,
0.3165

 13.3090, 0.4485,
0.3000


138.2508, 0.3747,
0.3176

 7.6417, 0.4757,
0.2925

172.8939, 0.3702,
0.3186

 3.8665, 0.5157,
0.2804

212.8887, 0.3663,
0.3194

 1.5992, 0.5793,
0.2589

258.6196, 0.3629,

 0.3571, 0.8042,

0.3200

0.1958

310.4711, 0.3599,
0.3206

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

45.5081, 0.4028,
0.3114

45.5081, 0.4028,
0.3114

37.5836, 0.4378,
0.3078

55.3338, 0.3735,
0.3157

31.4306, 0.4780,
0.3054

67.1659, 0.3497,
0.3201

26.9139, 0.5214,
0.3052

81.1098, 0.3304,
0.3244

23.8759, 0.5636,
0.3078

97.2617, 0.3148,
0.3284

■ 22.1272, 0.5991,
0.3134

99.9955, 0.3127,
0.3290

■ 21.4150, 0.6207,
0.3193

Harmonies

Analogous

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



45.5081, 0.3482, 0.2717



45.5081, 0.4028, 0.3114



45.5081, 0.4308, 0.3572

Triad

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



45.5081, 0.4028, 0.3114



45.5081, 0.3288, 0.4347



45.5081, 0.2114, 0.2474

Complementary

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



45.5081, 0.4028, 0.3114



84.0679, 0.2634, 0.3483

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.



45.5081, 0.2075, 0.2827



45.5081, 0.4028, 0.3114



45.5081, 0.2717, 0.3984

Square

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



45.5081, 0.4028, 0.3114



45.5081, 0.3845, 0.4326



45.5081, 0.2282, 0.3385



45.5081, 0.2390, 0.2354

Rectangle

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



45.5081, 0.4028, 0.3114



45.5081, 0.4294, 0.3874



45.5081, 0.2282, 0.3385



45.5081, 0.2074, 0.2565

Sweetspot

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



45.5104, 0.4028, 0.3114



80.4610, 0.3311, 0.3242



46.7785, 0.3027, 0.2218



16.8083, 0.3334, 0.3236



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.



45.5104, 0.4028, 0.3114



38.7050, 0.4320, 0.3083



57.8477, 0.4043, 0.3662



18.0346, 0.3269, 0.3252



11.2061, 0.6176, 0.3176



1.1040, 0.5899, 0.3024

Inverse Universe

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



45.5104, 0.4028, 0.3114



38.7050, 0.4320, 0.3083



64.6165, 0.2490, 0.2876



18.0346, 0.3269, 0.3252



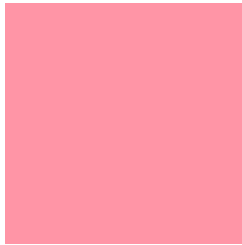
11.2061, 0.6176, 0.3176



1.1040, 0.5899, 0.3024

Previews

White Background



This preview shows how the Yxy color 45.5081, 0.4028, 0.3114 looks on a white background.

Color Contrast Check

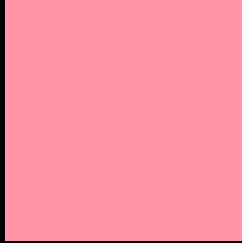
Large Text (above 18pt) WCAG AA × Fail

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 45.5081, 0.4028, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

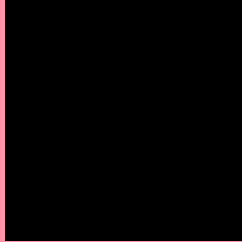
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.5081, 0.4028, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 45.5081, 0.4028, 0.3114.



This preview shows how white text looks on a background with the Yxy color 45.5081, 0.4028, 0.3114.

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

45.5081, 0.4028, 0.3114

Protanopia

45.7264, 0.3130, 0.3238

Deuteranopia

45.7181, 0.3505, 0.3442



Tritanopia

45.6459, 0.4077, 0.3177

Trichromacy



Original Color

45.5081, 0.4028, 0.3114



Protanomaly

44.7349, 0.3429, 0.3180



Deuteranomaly

45.2426, 0.3700, 0.3315



Tritanomaly

45.7170, 0.4056, 0.3156

Monochromacy



Original Color

45.5081, 0.4028, 0.3114



Achromatopsia

47.3531, 0.3127, 0.3290



Achromatomaly

45.8555, 0.3424, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.5081, 0.4028, 0.3114 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, 149, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 166)  
}
```

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, 149, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 166) }
```

Border

The CSS property to change the border of an element to Yxy 45.5081, 0.4028, 0.3114 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, 149, 166) }
```

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

```
.border{ border-color:rgb(255, 149, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 149, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 45.5081, 0.4028, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 166) }
```

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

```
.background{ background-color: rgb(255,  
149, 166) }
```

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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