

Converting Colors

$Y_{xy}(60.1245, 0.4634, 0.3152)$

Have a look what the booklet for
Yxy(60.1245, 0.4634, 0.3152)
contains.

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Color

Yxy(44.4981, 0.4061, 0.3104)

Conversions

Conversions Part 1

Format	Color
Hex	FF92A4
RGB	255, 146, 164
RGB Percent	100%, 57%, 64%
CMY	0.0000, 0.4274, 0.3569
CMYK	0.00, 0.43, 0.36, 0.00
HSL	350°, 100%, 79%
HSV	350°, 43%, 100%
XYZ	58.2174, 44.4981, 40.6418
YIQ	180.6430, 59.1860, 28.7060

Conversions

Conversions Part 2

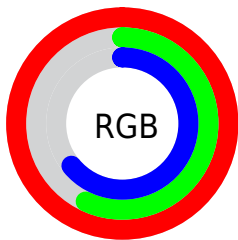
Format	Color
R _Y B	255, 146, 164
Decimal	16749220
CIE Lab	72.56, 42.90, 8.69
CIE LCh	73, 43.773, 11.448
Yxy	44.4981, 0.4061, 0.3104
Android (android.graphics.Color)	4294939300 (0xFFFF92A4)
YUV	180.6430, -8.2050, 65.2111
Hunter-Lab	66.7069, 39.0460, 10.5719

Details

The Yxy color **44.4981, 0.4061, 0.3104** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.7417, 0.2625, 0.3495**, and the grayscale version is **46.0286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6155, 0.3415, 0.3118**, and **20.6007, 0.4334, 0.3043** is the 20% darker color. If you saturate the color by 10%, you get **36.7895, 0.4415, 0.3068**, and if you desaturate by 10%, it is **54.0929, 0.3764, 0.3147**.

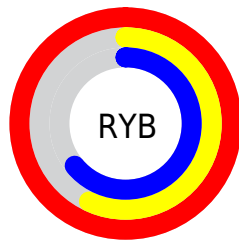
Distribution



Red (100%)

Green (57%)

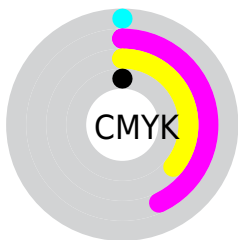
Blue (64%)



Red (100%)

Yellow (57%)

Blue (64%)

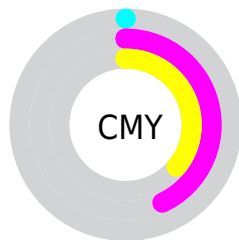


Cyan (0%)

Magenta (43%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4981, 0.4061, 0.3104 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 44.4981, 0.4061, 0.3104 by changing the saturation by 10% instead.


 44.4981, 0.4061,
0.3104


 44.4981, 0.4061,
0.3104

364.7370, 0.3587,
0.3208

 31.0623, 0.4180,
0.3075


 81.9667, 0.3888,
0.3144

 20.6463, 0.4334,
0.3036


 106.7684, 0.3823,
0.3158

 12.8657, 0.4539,
0.2982


136.1274, 0.3768,
0.3170

 7.3361, 0.4825,
0.2901

170.4281, 0.3722,
0.3180

 3.6732, 0.5246,
0.2772

210.0551, 0.3681,
0.3188

 1.4925, 0.5918,
0.2539

255.3927, 0.3646,

 0.2834, 0.8328,

0.3196

0.1672

306.8252, 0.3615,
0.3202

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.4981, 0.4061,
0.3104

44.4981, 0.4061,
0.3104

36.7895, 0.4415,
0.3068

54.0929, 0.3764,
0.3147

30.8361, 0.4821,
0.3046

65.6803, 0.3520,
0.3193

26.5009, 0.5253,
0.3046

79.3665, 0.3323,
0.3237

23.6231, 0.5670,
0.3076

95.2484, 0.3165,
0.3279

■ 22.0089, 0.6014,
0.3136

99.9985, 0.3127,
0.3290

■ 21.4263, 0.6197,
0.3187

Harmonies

Analogous

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



44.4981, 0.3491, 0.2695



44.4981, 0.4061, 0.3104



44.4981, 0.4353, 0.3576

Triad

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



44.4981, 0.4061, 0.3104



44.4981, 0.3294, 0.4392



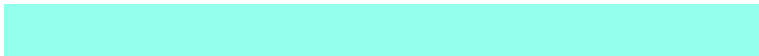
44.4981, 0.2079, 0.2445

Complementary

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



44.4981, 0.4061, 0.3104



83.7417, 0.2625, 0.3495

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.



44.4981, 0.2039, 0.2809



44.4981, 0.4061, 0.3104



44.4981, 0.2702, 0.4016

Square

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



44.4981, 0.4061, 0.3104



44.4981, 0.3871, 0.4363



44.4981, 0.2253, 0.3390



44.4981, 0.2362, 0.2323

Rectangle

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



44.4981, 0.4061, 0.3104



44.4981, 0.4338, 0.3889



44.4981, 0.2253, 0.3390



44.4981, 0.2038, 0.2539

Sweetspot

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



44.5003, 0.4061, 0.3104



78.9867, 0.3328, 0.3236



45.7561, 0.3023, 0.2189



16.2228, 0.3368, 0.3226



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.



44.5003, 0.4061, 0.3104



38.0028, 0.4350, 0.3073



56.9290, 0.4079, 0.3673



18.0360, 0.3268, 0.3251



11.2107, 0.6165, 0.3170



1.1047, 0.5886, 0.3016

Inverse Universe

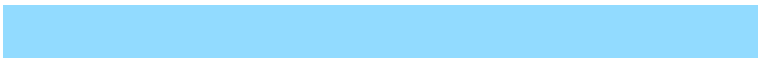
The Inverse Universe completely reimagines the original color for something new.



44.5003, 0.4061, 0.3104



38.0028, 0.4350, 0.3073



63.8202, 0.2473, 0.2862



18.0360, 0.3268, 0.3251



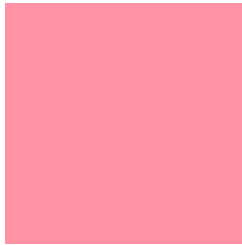
11.2107, 0.6165, 0.3170



1.1047, 0.5886, 0.3016

Previews

White Background



This preview shows how the Yxy color 44.4981, 0.4061, 0.3104 looks on a white background.

Color Contrast Check

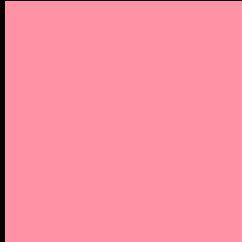
Large Text (above 18pt) WCAG AA × Fail

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 44.4981, 0.4061, 0.3104 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

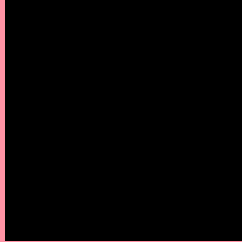
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.4981, 0.4061, 0.3104

Background



This preview shows how black text looks on a background with the Yxy color 44.4981, 0.4061, 0.3104.



This preview shows how white text looks on a background with the Yxy color 44.4981, 0.4061, 0.3104.

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

44.4981, 0.4061, 0.3104

Protanopia

45.0007, 0.3129, 0.3251

Deuteranopia

44.7396, 0.3519, 0.3443



Tritanopia

44.4069, 0.4112, 0.3177

Trichromacy



Original Color

44.4981, 0.4061, 0.3104



Protanomaly

43.7775, 0.3442, 0.3180



Deuteranomaly

44.2972, 0.3717, 0.3316



Tritanomaly

44.4763, 0.4091, 0.3156

Monochromacy



Original Color

44.4981, 0.4061, 0.3104



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

44.5103, 0.3438, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4981, 0.4061, 0.3104 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, 146, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 164)  
}
```

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, 146, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.4981, 0.4061, 0.3104 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, 146, 164) }
```

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

```
.border{ border-color:rgb(255, 146, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 146, 164); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 146, 164); box-shadow:4px 4px 4px 4px rgb(255, 146, 164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4981, 0.4061, 0.3104 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 164) }
```

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

```
.background{ background-color: rgb(255,  
146, 164) }
```

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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