

Converting Colors

$Y_{xy}(67.4201, 0.4818, 0.3270)$

Have a look what the booklet for
Yxy(67.4201, 0.4818, 0.3270)
contains.

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Color

Yxy(46.4428, 0.4117, 0.3261)

Conversions

Conversions Part 1

Format	Color
Hex	FF999C
RGB	255, 153, 156
RGB Percent	100%, 60%, 61%
CMY	0.0000, 0.4000, 0.3881
CMYK	0.00, 0.40, 0.39, 0.00
HSL	358°, 100%, 80%
HSV	358°, 40%, 100%
XYZ	58.6339, 46.4428, 37.3422
YIQ	183.8400, 59.8290, 22.5570

Conversions

Conversions Part 2

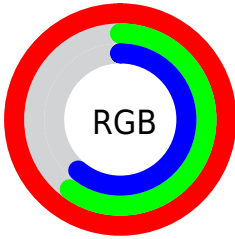
Format	Color
R _Y B	255, 153, 156
Decimal	16751004
CIE Lab	73.83, 38.43, 14.89
CIE LCh	74, 41.214, 21.177
Yxy	46.4428, 0.4117, 0.3261
Android (android.graphics.Color)	4294941084 (0xFFFF999C)
YUV	183.8400, -13.7251, 62.4073
Hunter-Lab	68.1490, 34.3168, 15.2163

Details

The Yxy color **46.4428, 0.4117, 0.3261** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3176, 0.2588, 0.3322**, and the grayscale version is **47.8949, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5141, 0.3472, 0.3281**, and **21.7364, 0.4397, 0.3227** is the 20% darker color. If you saturate the color by 10%, you get **38.2158, 0.4516, 0.3256**, and if you desaturate by 10%, it is **56.6286, 0.3785, 0.3268**.

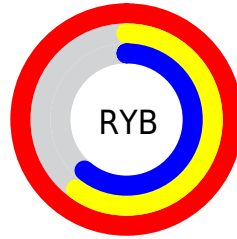
Distribution



Red (100%)

Green (60%)

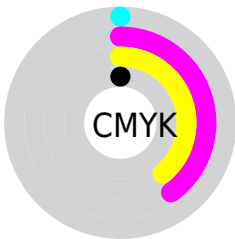
Blue (61%)



Red (100%)

Yellow (60%)

Blue (61%)

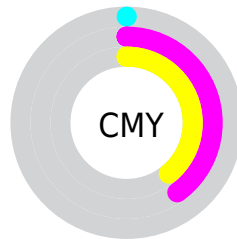


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (0%)



Cyan (0%)


Magenta (40%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.4428, 0.4117, 0.3261 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 46.4428, 0.4117, 0.3261 by changing the saturation by 10% instead.


 46.4428, 0.4117,
0.3261

 46.4428, 0.4117,
0.3261


372.5860, 0.3617,
0.3291

 32.5954, 0.4242,
0.3249


 84.8813, 0.3935,
0.3276

 21.8167, 0.4403,
0.3230


 110.2412, 0.3866,
0.3280

 13.7222, 0.4615,
0.3201


140.2073, 0.3809,
0.3283

 7.9277, 0.4909,
0.3152

175.1641, 0.3759,
0.3286

 4.0487, 0.5336,
0.3062

215.4960, 0.3717,
0.3288

 1.7009, 0.6035,
0.2898

261.5874, 0.3679,

 0.4242, 0.7733,

0.3289

0.2267

313.8226, 0.3646,
0.3290

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

46.4428, 0.4117,
0.3261

46.4428, 0.4117,
0.3261

38.2158, 0.4516,
0.3256

56.6286, 0.3785,
0.3268

31.8155, 0.4971,
0.3253

68.8803, 0.3515,
0.3276

27.1047, 0.5449,
0.3255

83.3054, 0.3299,
0.3283

23.9238, 0.5888,
0.3263

99.9996, 0.3127,
0.3290

■ 22.0828, 0.6212,
0.3277

■ 21.2764, 0.6380,
0.3288

■ 21.2762, 0.6380,
0.3288

Harmonies

Analogous

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



46.4428, 0.3655, 0.2848



46.4428, 0.4117, 0.3261



46.4428, 0.4279, 0.3709

Triad

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



46.4428, 0.4117, 0.3261



46.4428, 0.3103, 0.4232



46.4428, 0.2208, 0.2440

Complementary

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



46.4428, 0.4117, 0.3261



85.3176, 0.2588, 0.3322

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.



46.4428, 0.2095, 0.2711



46.4428, 0.4117, 0.3261



46.4428, 0.2578, 0.3785

Square

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



46.4428, 0.4117, 0.3261



46.4428, 0.3661, 0.4333



46.4428, 0.2220, 0.3196



46.4428, 0.2545, 0.2392

Rectangle

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



46.4428, 0.4117, 0.3261



46.4428, 0.4194, 0.3988



46.4428, 0.2220, 0.3196



46.4428, 0.2144, 0.2505

Sweetspot

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



46.4451, 0.4117, 0.3261



80.2397, 0.3339, 0.3282



50.6243, 0.3145, 0.2293



16.7567, 0.3365, 0.3281



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.



46.4451, 0.4117, 0.3261



39.7101, 0.4431, 0.3256



65.1474, 0.3939, 0.3786



17.9958, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Inverse Universe

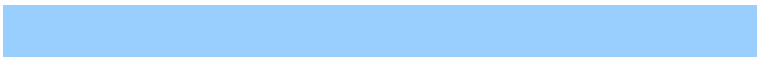
The Inverse Universe completely reimagines the original color for something new.



46.4451, 0.4117, 0.3261



39.7101, 0.4431, 0.3256



58.8128, 0.2487, 0.2729



17.9958, 0.3290, 0.3283



11.1213, 0.6371, 0.3283



1.0858, 0.6299, 0.3244

Previews

White Background



This preview shows how the Yxy color 46.4428, 0.4117, 0.3261 looks on a white background.

Color Contrast Check

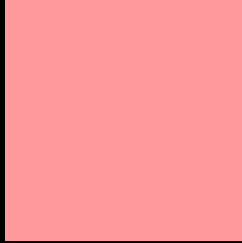
Large Text (above 18pt) WCAG AA × Fail

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 46.4428, 0.4117, 0.3261 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

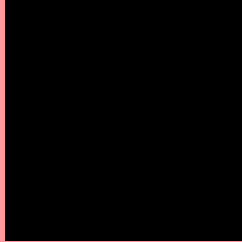
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.4428, 0.4117, 0.3261

Background



This preview shows how black text looks on a background with the Yxy color 46.4428, 0.4117, 0.3261.



This preview shows how white text looks on a background with the Yxy color 46.4428, 0.4117, 0.3261.

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

46.4428, 0.4117, 0.3261

Protanopia

46.6794, 0.3269, 0.3420

Deuteranopia

46.6286, 0.3648, 0.3576



Tritanopia

46.3608, 0.4049, 0.3177

Trichromacy



Original Color

46.4428, 0.4117, 0.3261



Protanomaly

45.8760, 0.3551, 0.3352



Deuteranomaly

46.1061, 0.3818, 0.3456



Tritanomaly

46.2545, 0.4080, 0.3209

Monochromacy



Original Color

46.4428, 0.4117, 0.3261



Achromatopsia

47.9320, 0.3127, 0.3290



Achromatomaly

46.6448, 0.3456, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.4428, 0.4117, 0.3261 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, 153, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 156)  
}
```

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, 153, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 156) }
```

Border

The CSS property to change the border of an element to Yxy 46.4428, 0.4117, 0.3261 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, 153, 156) }
```

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

```
.border{ border-color:rgb(255, 153, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 46.4428, 0.4117, 0.3261 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 156) }
```

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

```
.background{ background-color: rgb(255,  
153, 156) }
```

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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