

Converting Colors

$Y_{xy}(48.3320, 0.4514, 0.3105)$

Have a look what the booklet for
Yxy(48.3320, 0.4514, 0.3105)
contains.

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Color

Yxy(40.9882, 0.4194, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	FF879C
RGB	255, 135, 156
RGB Percent	100%, 53%, 61%
CMY	0.0000, 0.4706, 0.3884
CMYK	0.00, 0.47, 0.39, 0.00
HSL	350°, 100%, 76%
HSV	350°, 47%, 100%
XYZ	55.9039, 40.9882, 36.4029
YIQ	173.2740, 64.7790, 31.9710

Conversions

Conversions Part 2

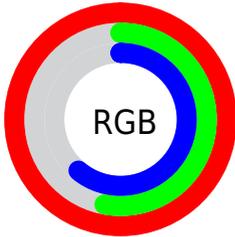
Format	Color
R_{YB}	255, 135, 156
Decimal	16746396
CIE _{Lab}	70.17, 47.51, 9.75
CIE _{LCh}	70, 48.505, 11.602
Yxy	40.9882, 0.4194, 0.3075
Android (android.graphics.Color)	4294936476 (0xFFFF879C)
YUV	173.2740, -8.5161, 71.6737
Hunter-Lab	64.0220, 43.8273, 11.1032

Details

The Yxy color **40.9882, 0.4194, 0.3075** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.6143, 0.2592, 0.3533**, and the grayscale version is **41.9555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.7401, 0.3506, 0.3085**, and **18.5069, 0.4518, 0.2987** is the 20% darker color. If you saturate the color by 10%, you get **34.0530, 0.4567, 0.3042**, and if you desaturate by 10%, it is **49.7528, 0.3876, 0.3119**.

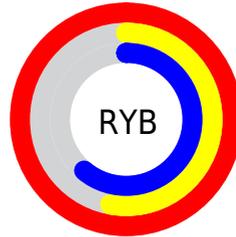
Distribution



Red (100%)

Green (53%)

Blue (61%)



Red (100%)

Yellow (53%)

Blue (61%)

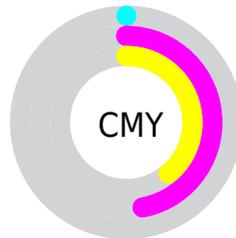


Cyan (0%)

Magenta (47%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9882, 0.4194, 0.3075 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 40.9882, 0.4194, 0.3075 by changing the saturation by 10% instead.

 40.9882, 0.4194,
0.3075

 40.9882, 0.4194,
0.3075

350.2713, 0.3646,
0.3197

 28.3099, 0.4334,
0.3040

 76.6660, 0.3992,
0.3123

 18.5594, 0.4516,
0.2992

 100.4342, 0.3917,
0.3140

 11.3523, 0.4759,
0.2925

 128.6679, 0.3854,
0.3154

 6.3043, 0.5101,
0.2823

161.7513, 0.3800,
0.3165

 3.0310, 0.5608,
0.2656

200.0690, 0.3754,
0.3175

 1.1479, 0.6493,
0.2380

244.0053, 0.3713,

 0.0186, 0.9851,

0.3184

0.0149

293.9446, 0.3677,
0.3191

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

40.9882, 0.4194,
0.3075

40.9882, 0.4194,
0.3075

34.0530, 0.4567,
0.3042

49.7528, 0.3876,
0.3119

28.8139, 0.4983,
0.3027

60.4610, 0.3613,
0.3166

25.1249, 0.5412,
0.3039

73.2212, 0.3400,
0.3214

22.8132, 0.5804,
0.3083

88.1330, 0.3228,
0.3260

■ 21.6597, 0.6106,
0.3155

100.0000, 0.3127,
0.3290

■ 21.4460, 0.6176,
0.3176

Harmonies

Analogous

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



40.9882, 0.3541, 0.2624



40.9882, 0.4194, 0.3075



40.9882, 0.4521, 0.3597

Triad

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



40.9882, 0.4194, 0.3075



40.9882, 0.3300, 0.4557



40.9882, 0.1955, 0.2334

Complementary

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



40.9882, 0.4194, 0.3075



82.6143, 0.2592, 0.3533

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.



40.9882, 0.1908, 0.2732



40.9882, 0.4194, 0.3075



40.9882, 0.2636, 0.4124

Square

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



40.9882, 0.4194, 0.3075



40.9882, 0.3953, 0.4504



40.9882, 0.2138, 0.3392



40.9882, 0.2268, 0.2207

Rectangle

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



40.9882, 0.4194, 0.3075



40.9882, 0.4496, 0.3948



40.9882, 0.2138, 0.3392



40.9882, 0.1910, 0.2435

Sweetspot

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



40.9893, 0.4194, 0.3075



77.5453, 0.3343, 0.3228



41.8739, 0.2990, 0.2076



15.9399, 0.3383, 0.3218



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.



40.9893, 0.4194, 0.3075



34.7028, 0.4525, 0.3044



52.8986, 0.4223, 0.3689



18.0389, 0.3267, 0.3249



11.2209, 0.6143, 0.3158



1.1061, 0.5858, 0.3001

Inverse Universe

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



40.9893, 0.4194, 0.3075



34.7028, 0.4525, 0.3044



61.9985, 0.2417, 0.2836



18.0389, 0.3267, 0.3249



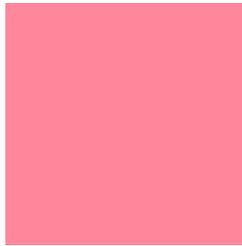
11.2209, 0.6143, 0.3158



1.1061, 0.5858, 0.3001

Previews

White Background



This preview shows how the Yxy color 40.9882, 0.4194, 0.3075 looks on a white background.

Color Contrast Check

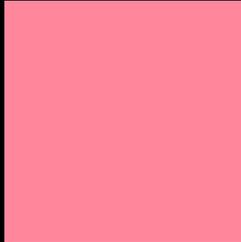
Large Text (above 18pt) WCAG AA × Fail

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 40.9882, 0.4194, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

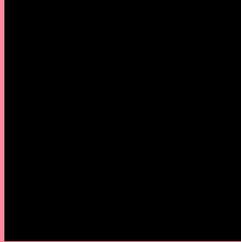
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9882, 0.4194, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 40.9882, 0.4194, 0.3075.



This preview shows how white text looks on a background with the Yxy color 40.9882, 0.4194, 0.3075.

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

40.9882, 0.4194, 0.3075

Protanopia

41.2591, 0.3112, 0.3222

Deuteranopia

41.2426, 0.3551, 0.3488



Tritanopia

41.0375, 0.4289, 0.3200

Trichromacy



Original Color

40.9882, 0.4194, 0.3075

Protanomaly

40.0148, 0.3467, 0.3151

Deuteranomaly

40.4943, 0.3774, 0.3316

Tritanomaly

40.8812, 0.4248, 0.3147

Monochromacy



Original Color

40.9882, 0.4194, 0.3075

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.2828, 0.3484, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9882, 0.4194, 0.3075 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, 135, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 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, 135, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 156) }
```

Border

The CSS property to change the border of an element to Yxy 40.9882, 0.4194, 0.3075 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, 135, 156) }
```

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

```
.border{ border-color:rgb(255, 135, 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, 135, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 156);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
156) }
```

Background

The CSS property to change the background color of an element to Yxy 40.9882, 0.4194, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 135, 156) }
```

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

```
.background{ background-color: rgb(255,  
135, 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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