

Converting Colors

$Y_{xy}(40.6751, 0.4318, 0.3192)$

Have a look what the booklet for
Yxy(40.6751, 0.4318, 0.3192)
contains.

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Color

Yxy(40.6323, 0.4319, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	FF8791
RGB	255, 135, 145
RGB Percent	100%, 53%, 57%
CMY	0.0000, 0.4705, 0.4314
CMYK	0.00, 0.47, 0.43, 0.00
HSL	355°, 100%, 76%
HSV	355°, 47%, 100%
XYZ	55.0128, 40.6323, 31.7289
YIQ	172.0200, 68.3100, 28.5500

Conversions

Conversions Part 2

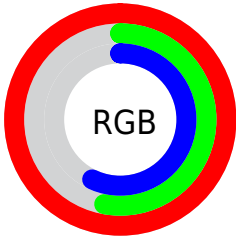
Format	Color
RYB	255, 135, 145
Decimal	16746385
CIELab	69.92, 46.35, 15.54
CIElCh	70, 48.890, 18.531
Yxy	40.6323, 0.4319, 0.3190
Android (android.graphics.Color)	4294936465 (0xFFFF8791)
YUV	172.0200, -13.3209, 72.7735
Hunter-Lab	63.7435, 42.5006, 15.1083

Details

The Yxy color **40.6323, 0.4319, 0.3190** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.2613, 0.2543, 0.3403**, and the grayscale version is **41.3101, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2104, 0.3597, 0.3198**, and **18.4629, 0.4677, 0.3130** is the 20% darker color. If you saturate the color by 10%, you get **33.7015, 0.4736, 0.3176**, and if you desaturate by 10%, it is **49.4193, 0.3962, 0.3210**.

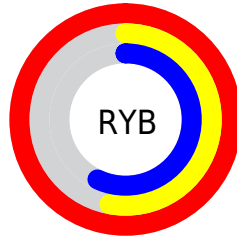
Distribution



Red (100%)

Green (53%)

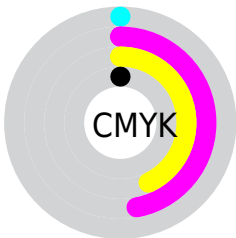
Blue (57%)



Red (100%)

Yellow (53%)

Blue (57%)

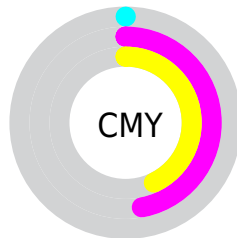


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (0%)



Cyan (0%)

Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6323, 0.4319, 0.3190 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 40.6323, 0.4319, 0.3190 by changing the saturation by 10% instead.

 40.6323, 0.4319,
0.3190


 40.6323, 0.4319,
0.3190


348.7815, 0.3705,
0.3262


 28.0319, 0.4476,
0.3165


 76.1254, 0.4092,
0.3221

 18.3497, 0.4680,
0.3129


 99.7869, 0.4008,
0.3232

 11.2013, 0.4951,
0.3073


 127.9042, 0.3937,
0.3240

 6.2024, 0.5331,
0.2983

160.8616, 0.3877,
0.3246

 2.9686, 0.5886,
0.2822

199.0437, 0.3825,
0.3251

 1.1153, 0.7104,
0.2638

242.8348, 0.3780,


 0.0000, 1.0000,

0.3255


0.0000


292.6192, 0.3740,
0.3259

 0.0000, 0.0000,
0.0000


 40.6323, 0.4319,
0.3190


 40.6323, 0.4319,
0.3190


 33.7015, 0.4736,
0.3176


 49.4193, 0.3962,
0.3210


 28.4879, 0.5194,
0.3173

 60.1760, 0.3667,
0.3232

 24.8432, 0.5647,
0.3185

 73.0143, 0.3429,
0.3254

 22.5907, 0.6030,
0.3214

 88.0357, 0.3238,
0.3276

 21.5063, 0.6283,
0.3253

99.9988, 0.3127,
0.3290

■ 21.3138, 0.6332,
0.3262

Harmonies

Analogous

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



40.6323, 0.3714, 0.2712



40.6323, 0.4319, 0.3190



40.6323, 0.4549, 0.3722

Triad

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



40.6323, 0.4319, 0.3190



40.6323, 0.3139, 0.4515



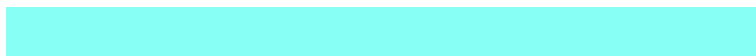
40.6323, 0.1994, 0.2272

Complementary

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



40.6323, 0.4319, 0.3190



83.2613, 0.2543, 0.3403

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.



40.6323, 0.1883, 0.2607



40.6323, 0.4319, 0.3190



40.6323, 0.2493, 0.3975

Square

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



40.6323, 0.4319, 0.3190



40.6323, 0.3818, 0.4568



40.6323, 0.2049, 0.3221



40.6323, 0.2369, 0.2203

Rectangle

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



40.6323, 0.4319, 0.3190



40.6323, 0.4456, 0.4070



40.6323, 0.2049, 0.3221



40.6323, 0.1927, 0.2352

Sweetspot

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



40.6344, 0.4319, 0.3190



77.3681, 0.3366, 0.3261



43.9626, 0.3094, 0.2113



15.8974, 0.3410, 0.3256



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.



40.6344, 0.4319, 0.3190



34.3498, 0.4690, 0.3178



57.7083, 0.4158, 0.3811



18.0116, 0.3281, 0.3271



11.1460, 0.6312, 0.3251



1.0932, 0.6127, 0.3149

Inverse Universe

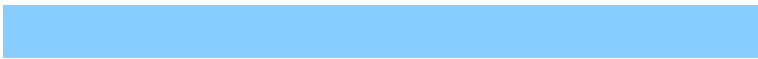
The Inverse Universe completely reimagines the original color for something new.



40.6344, 0.4319, 0.3190



34.3498, 0.4690, 0.3178



56.0349, 0.2390, 0.2685



18.0116, 0.3281, 0.3271



11.1460, 0.6312, 0.3251



1.0932, 0.6127, 0.3149

Previews

White Background



This preview shows how the Yxy color 40.6323, 0.4319, 0.3190 looks on a white background.

Color Contrast Check

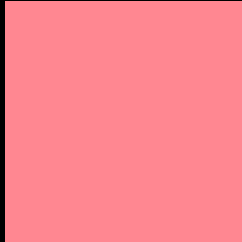
Large Text (above 18pt) WCAG AA × Fail

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 40.6323, 0.4319, 0.3190 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 40.6323, 0.4319, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 40.6323, 0.4319, 0.3190.



This preview shows how white text looks on a background with the Yxy color 40.6323, 0.4319, 0.3190.

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

40.6323, 0.4319, 0.3190

Protanopia

41.0003, 0.3241, 0.3400

Deuteranopia

40.9458, 0.3687, 0.3617



Tritanopia

40.6323, 0.4319, 0.3190

Trichromacy



Original Color

40.6323, 0.4319, 0.3190



Protanomaly

39.8332, 0.3614, 0.3317



Deuteranomaly

40.1243, 0.3912, 0.3438



Tritanomaly

40.6323, 0.4319, 0.3190

Monochromacy



Original Color

40.6323, 0.4319, 0.3190



Achromatopsia

41.2543, 0.3127, 0.3290



Achromatomaly

39.9615, 0.3523, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6323, 0.4319, 0.3190 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 145) }
```

Border

The CSS property to change the border of an element to Yxy 40.6323, 0.4319, 0.3190 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, 145) }
```

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

```
.border{ border-color:rgb(255, 135, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6323, 0.4319, 0.3190 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
135, 145) }
```

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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