

Converting Colors

$Y_{xy}(40.5745, 0.4305, 0.3172)$

Have a look what the booklet for
Yxy(40.5745, 0.4305, 0.3172)
contains.

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Color

Yxy(40.6633, 0.4308, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	FF8792
RGB	255, 135, 146
RGB Percent	100%, 53%, 57%
CMY	0.0000, 0.4707, 0.4274
CMYK	0.00, 0.47, 0.43, 0.00
HSL	354°, 100%, 76%
HSV	354°, 47%, 100%
XYZ	55.1046, 40.6633, 32.1443
YIQ	172.1340, 67.9890, 28.8610

Conversions

Conversions Part 2

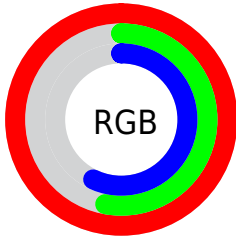
Format	Color
RYB	255, 135, 146
Decimal	16746386
CIELab	69.94, 46.49, 15.00
CIELCh	70, 48.852, 17.881
Yxy	40.6633, 0.4308, 0.3179
Android (android.graphics.Color)	4294936466 (0xFFFF8792)
YUV	172.1340, -12.8841, 72.6735
Hunter-Lab	63.7678, 42.6562, 14.7503

Details

The Yxy color **40.6633, 0.4308, 0.3179** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.1984, 0.2548, 0.3415**, and the grayscale version is **41.3600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2570, 0.3588, 0.3188**, and **18.4812, 0.4661, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **33.7260, 0.4721, 0.3164**, and if you desaturate by 10%, it is **49.4385, 0.3954, 0.3201**.

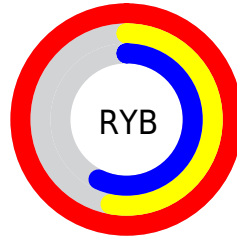
Distribution



Red (100%)

Green (53%)

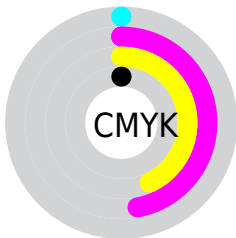
Blue (57%)



Red (100%)

Yellow (53%)

Blue (57%)

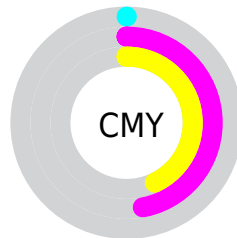


Cyan (0%)

Magenta (47%)

Yellow (43%)

Black (0%)



Cyan (0%)


Magenta (47%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.6633, 0.4308, 0.3179 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 40.6633, 0.4308, 0.3179 by changing the saturation by 10% instead.

 40.6633, 0.4308,
0.3179


 40.6633, 0.4308,
0.3179


348.9114, 0.3699,
0.3256


 28.0561, 0.4464,
0.3153


 76.1725, 0.4084,
0.3212

 18.3679, 0.4665,
0.3116


 99.8433, 0.4000,
0.3223

 11.2145, 0.4935,
0.3059


 127.9707, 0.3930,
0.3231

 6.2113, 0.5311,
0.2968

160.9392, 0.3870,
0.3238

 2.9740, 0.5863,
0.2807

199.1331, 0.3819,
0.3244

 1.1182, 0.7041,
0.2610

242.9369, 0.3774,

 0.0000, 1.0000,

0.3249

0.0000

292.7348, 0.3734,
0.3253

■ 0.0000, 0.0000,
0.0000

■ 40.6633, 0.4308,
0.3179

■ 40.6633, 0.4308,
0.3179

■ 33.7260, 0.4721,
0.3164

■ 49.4385, 0.3954,
0.3201

■ 28.5116, 0.5175,
0.3160

■ 60.1886, 0.3662,
0.3225

■ 24.8640, 0.5627,
0.3172


■ 73.0172, 0.3427,
0.3250

■ 22.6072, 0.6012,
0.3203

■ 88.0258, 0.3238,
0.3274

■ 21.5173, 0.6270,
0.3246

100.0000, 0.3127,
0.3290

 21.3237, 0.6321,
0.3256

Harmonies

Analogous

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



40.6633, 0.3698, 0.2704



40.6633, 0.4308, 0.3179



40.6633, 0.4548, 0.3710

Triad

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



40.6633, 0.4308, 0.3179



40.6633, 0.3155, 0.4520



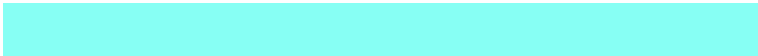
40.6633, 0.1990, 0.2277

Complementary

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



40.6633, 0.4308, 0.3179



83.1984, 0.2548, 0.3415

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.



40.6633, 0.1885, 0.2619



40.6633, 0.4308, 0.3179



40.6633, 0.2506, 0.3990

Square

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



40.6633, 0.4308, 0.3179



40.6633, 0.3831, 0.4563



40.6633, 0.2057, 0.3237



40.6633, 0.2358, 0.2203

Rectangle

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



40.6633, 0.4308, 0.3179



40.6633, 0.4461, 0.4058



40.6633, 0.2057, 0.3237



40.6633, 0.1925, 0.2360

Sweetspot

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



40.6575, 0.4308, 0.3179



77.3850, 0.3364, 0.3258



43.5960, 0.3077, 0.2107



15.9014, 0.3408, 0.3253



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.



40.6575, 0.4308, 0.3179



34.3817, 0.4674, 0.3165



56.8701, 0.4169, 0.3791



18.0142, 0.3280, 0.3268



11.1511, 0.6300, 0.3244



1.0945, 0.6100, 0.3134

Inverse Universe

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



40.6575, 0.4308, 0.3179



34.3817, 0.4674, 0.3165



56.9903, 0.2394, 0.2710



18.0142, 0.3280, 0.3268



11.1511, 0.6300, 0.3244



1.0945, 0.6100, 0.3134

Previews

White Background



This preview shows how the Yxy color 40.6633, 0.4308, 0.3179 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 40.6633, 0.4308, 0.3179 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 40.6633, 0.4308, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 40.6633, 0.4308, 0.3179.



This preview shows how white text looks on a background with the Yxy color 40.6633, 0.4308, 0.3179.

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

40.6633, 0.4308, 0.3179

Protanopia

41.0725, 0.3224, 0.3372

Deuteranopia

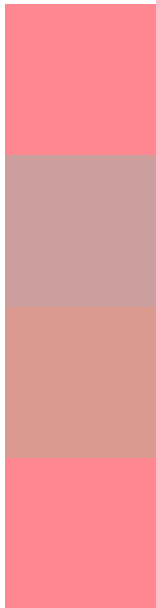
40.8391, 0.3668, 0.3605



Tritanopia

40.6323, 0.4319, 0.3190

Trichromacy



Original Color

40.6633, 0.4308, 0.3179

Protanomaly

39.9015, 0.3594, 0.3291

Deuteranomaly

40.1544, 0.3901, 0.3426

Tritanomaly

40.6323, 0.4319, 0.3190

Monochromacy



Original Color

40.6633, 0.4308, 0.3179

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9972, 0.3513, 0.3240

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.6633, 0.4308, 0.3179 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 146) }
```

Border

The CSS property to change the border of an element to Yxy 40.6633, 0.4308, 0.3179 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, 146) }
```

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

```
.border{ border-color:rgb(255, 135, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 146);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 40.6633, 0.4308, 0.3179 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, 146) }
```

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

```
.background{ background-color: rgb(255,  
135, 146) }
```

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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