

Converting Colors

$Y_{xy}(40.5711, 0.4342, 0.3211)$

Have a look what the booklet for
Yxy(40.5711, 0.4342, 0.3211)
contains.

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Color

Yxy(40.5711, 0.4342, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	FF878F
RGB	255, 135, 143
RGB Percent	100%, 53%, 56%
CMY	0.0000, 0.4706, 0.4393
CMYK	0.00, 0.47, 0.44, 0.00
HSL	356°, 100%, 76%
HSV	356°, 47%, 100%
XYZ	54.8613, 40.5711, 30.9179
YIQ	171.7920, 68.9520, 27.9280

Conversions

Conversions Part 2

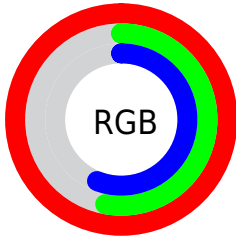
Format	Color
R _Y B	255, 135, 143
Decimal	16746383
CIE Lab	69.87, 46.16, 16.60
CIE LCh	70, 49.053, 19.784
Yxy	40.5711, 0.4342, 0.3211
Android (android.graphics.Color)	4294936463 (0xFFFF878F)
YUV	171.7920, -14.1945, 72.9734
Hunter-Lab	63.6954, 42.2762, 15.8073

Details

The Yxy color **40.5711, 0.4342, 0.3211** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.3887, 0.2535, 0.3379**, and the grayscale version is **41.1918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1181, 0.3613, 0.3219**, and **18.4270, 0.4710, 0.3156** is the 20% darker color. If you saturate the color by 10%, you get **33.6421, 0.4767, 0.3201**, and if you desaturate by 10%, it is **49.3602, 0.3978, 0.3226**.

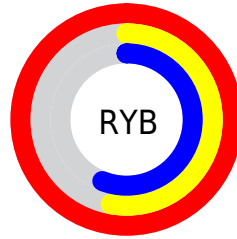
Distribution



Red (100%)

Green (53%)

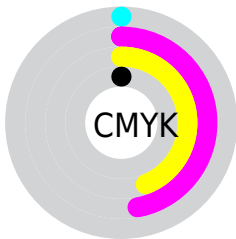
Blue (56%)



Red (100%)

Yellow (53%)

Blue (56%)

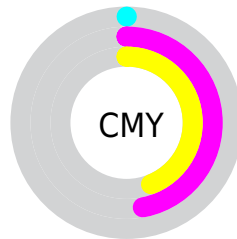


Cyan (0%)

Magenta (47%)

Yellow (44%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5711, 0.4342, 0.3211 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 40.5711, 0.4342, 0.3211 by changing the saturation by 10% instead.


 40.5711, 0.4342,
0.3211


 40.5711, 0.4342,
0.3211


348.5248, 0.3715,
0.3274

 27.9841, 0.4502,
0.3188


 76.0324, 0.4111,
0.3239

 18.3137, 0.4709,
0.3153


 99.6755, 0.4025,
0.3248

 11.1754, 0.4986,
0.3100


 127.7727, 0.3953,
0.3255

 6.1850, 0.5371,
0.3012

160.7084, 0.3891,
0.3261

 2.9579, 0.5933,
0.2851

198.8671, 0.3838,
0.3265

 1.1098, 0.7235,
0.2693

242.6332, 0.3792,

 0.0000, 1.0000,

0.3269

0.0000

292.3909, 0.3751,
0.3272

■ 0.0000, 0.0000,
0.0000

■ 40.5711, 0.4342,
0.3211

■ 40.5711, 0.4342,
0.3211

■ 33.6421, 0.4767,
0.3201

■ 49.3602, 0.3978,
0.3226

■ 28.4348, 0.5231,
0.3199

■ 60.1248, 0.3677,
0.3244

■ 24.7998, 0.5686,
0.3210


■ 72.9767, 0.3435,
0.3262

■ 22.5596, 0.6065,
0.3234

■ 88.0180, 0.3240,
0.3279

■ 21.4887, 0.6305,
0.3266

100.0000, 0.3127,
0.3290

 21.3003, 0.6350,
0.3272

Harmonies

Analogous

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



40.5711, 0.3746, 0.2728



40.5711, 0.4342, 0.3211



40.5711, 0.4554, 0.3746

Triad

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



40.5711, 0.4342, 0.3211



40.5711, 0.3110, 0.4506



40.5711, 0.2001, 0.2260

Complementary

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



40.5711, 0.4342, 0.3211



83.3887, 0.2535, 0.3379

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.



40.5711, 0.1879, 0.2585



40.5711, 0.4342, 0.3211



40.5711, 0.2467, 0.3948

Square

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



40.5711, 0.4342, 0.3211



40.5711, 0.3794, 0.4580



40.5711, 0.2033, 0.3190



40.5711, 0.2387, 0.2202

Rectangle

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



40.5711, 0.4342, 0.3211



40.5711, 0.4449, 0.4093



40.5711, 0.2033, 0.3190



40.5711, 0.1930, 0.2337

Sweetspot

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



40.5728, 0.4342, 0.3211



77.3361, 0.3371, 0.3267



44.3244, 0.3112, 0.2119



15.8897, 0.3415, 0.3263



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.



40.5728, 0.4342, 0.3211



34.2899, 0.4720, 0.3202



58.5521, 0.4148, 0.3831



18.0066, 0.3284, 0.3275



11.1371, 0.6333, 0.3262



1.0909, 0.6180, 0.3178

Inverse Universe

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



40.5728, 0.4342, 0.3211



34.2899, 0.4720, 0.3202



55.0851, 0.2385, 0.2660



18.0066, 0.3284, 0.3275



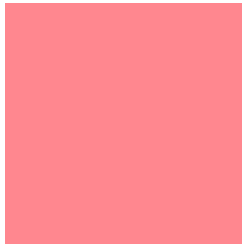
11.1371, 0.6333, 0.3262



1.0909, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 40.5711, 0.4342, 0.3211 looks on a white background.

Color Contrast Check

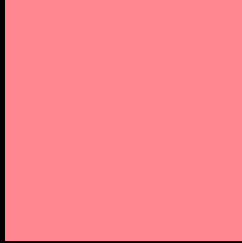
Large Text (above 18pt) WCAG AA × Fail

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 40.5711, 0.4342, 0.3211 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 40.5711, 0.4342, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 40.5711, 0.4342, 0.3211.



This preview shows how white text looks on a background with the Yxy color 40.5711, 0.4342, 0.3211.

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

40.5711, 0.4342, 0.3211

Protanopia

41.0461, 0.3267, 0.3428

Deuteranopia

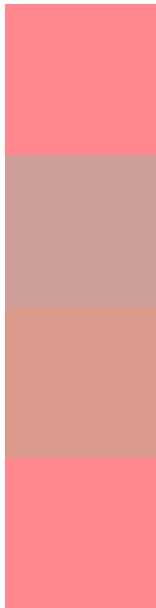
40.5280, 0.3710, 0.3631



Tritanopia

40.6323, 0.4319, 0.3190

Trichromacy



Original Color

40.5711, 0.4342, 0.3211

Protanomaly

39.7659, 0.3634, 0.3342

Deuteranomaly

39.7360, 0.3937, 0.3450

Tritanomaly

40.6016, 0.4330, 0.3200

Monochromacy



Original Color

40.5711, 0.4342, 0.3211

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

39.9260, 0.3532, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5711, 0.4342, 0.3211 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, 143)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 143)  
}
```

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, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 143) }
```

Border

The CSS property to change the border of an element to Yxy 40.5711, 0.4342, 0.3211 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, 143) }
```

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

```
.border{ border-color:rgb(255, 135, 143) }
```

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, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 143);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5711, 0.4342, 0.3211 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, 143) }
```

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

```
.background{ background-color: rgb(255,  
135, 143) }
```

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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