

Converting Colors

$Y_{xy}(41.6039, 0.4566, 0.3352)$

Have a look what the booklet for
Yxy(41.6039, 0.4566, 0.3352)
contains.

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Color

Yxy(40.1729, 0.4499, 0.3355)

Conversions

Conversions Part 1

Format	Color
Hex	FF8781
RGB	255, 135, 129
RGB Percent	100%, 53%, 51%
CMY	0.0000, 0.4706, 0.4940
CMYK	0.00, 0.47, 0.49, 0.00
HSL	3°, 100%, 75%
HSV	3°, 49%, 100%
XYZ	53.8712, 40.1729, 25.6963
YIQ	170.1960, 73.4460, 23.5740

Conversions

Conversions Part 2

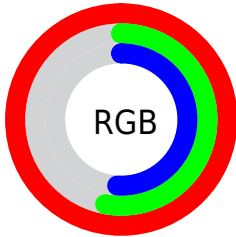
Format	Color
R_{YB}	255, 135, 129
Decimal	16746369
CIE _{Lab}	69.59, 44.85, 23.98
CIE _{LCh}	70, 50.860, 28.129
Yxy	40.1729, 0.4499, 0.3355
Android (android.graphics.Color)	4294936449 (0xFFFF8781)
YUV	170.1960, -20.3096, 74.3731
Hunter-Lab	63.3821, 40.7962, 20.3302

Details

The Yxy color **40.1729, 0.4499, 0.3355** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.6663, 0.2465, 0.3220**, and the grayscale version is **40.3775, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4643, 0.3740, 0.3375**, and **18.0831, 0.4904, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **33.5544, 0.4948, 0.3363**, and if you desaturate by 10%, it is **48.5073, 0.4105, 0.3343**.

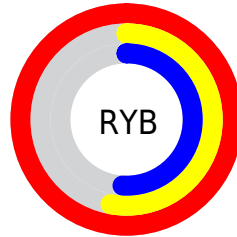
Distribution



Red (100%)

Green (53%)

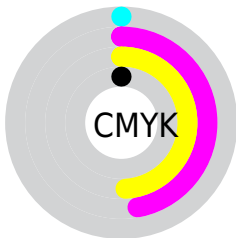
Blue (51%)



Red (100%)

Yellow (53%)

Blue (51%)

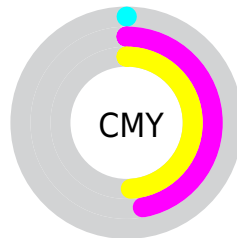


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1729, 0.4499, 0.3355 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 40.1729, 0.4499, 0.3355 by changing the saturation by 10% instead.


 40.1729, 0.4499,
0.3355


 40.1729, 0.4499,
0.3355


346.8518, 0.3791,
0.3356

 27.6734, 0.4679,
0.3343


 75.4267, 0.4239,
0.3364

 18.0796, 0.4910,
0.3321


 98.9498, 0.4142,
0.3365

 11.0071, 0.5215,
0.3279


 126.9162, 0.4060,
0.3364

 6.0716, 0.5633,
0.3198

159.7103, 0.3990,
0.3363

 2.8887, 0.6238,
0.3041

197.7166, 0.3930,
0.3362

 1.0739, 0.7257,
0.2743

241.3193, 0.3878,

 0.0000, 1.0000,

0.3360

0.0000

290.9029, 0.3832,
0.3358

■ 0.0000, 0.0000,
0.0000

■ 40.1729, 0.4499,
0.3355

■ 40.1729, 0.4499,
0.3355

■ 33.5544, 0.4948,
0.3363

■ 48.5073, 0.4105,
0.3343

■ 28.5318, 0.5421,
0.3364

■ 58.6652, 0.3776,
0.3329

■ 24.9707, 0.5860,
0.3356


■ 70.7458, 0.3507,
0.3315

■ 22.7142, 0.6191,
0.3338

■ 84.8412, 0.3291,
0.3302

■ 21.5649, 0.6370,
0.3318

100.0000, 0.3127,
0.3290

 21.5245, 0.6378,
0.3318

Harmonies

Analogous

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



40.1729, 0.3970, 0.2836



40.1729, 0.4499, 0.3355



40.1729, 0.4586, 0.3908

Triad

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



40.1729, 0.4499, 0.3355



40.1729, 0.2907, 0.4444



40.1729, 0.2046, 0.2182

Complementary

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



40.1729, 0.4499, 0.3355



79.6663, 0.2465, 0.3220

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.



40.1729, 0.1844, 0.2433



40.1729, 0.4499, 0.3355



40.1729, 0.2289, 0.3757

Square

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



40.1729, 0.4499, 0.3355



40.1729, 0.3624, 0.4664



40.1729, 0.1920, 0.2981



40.1729, 0.2517, 0.2192

Rectangle

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



40.1729, 0.4499, 0.3355



40.1729, 0.4397, 0.4254



40.1729, 0.1920, 0.2981



40.1729, 0.1948, 0.2234

Sweetspot

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



40.1731, 0.4499, 0.3355



76.6904, 0.3407, 0.3309



43.9228, 0.3220, 0.2127



15.7944, 0.3454, 0.3312



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.



40.1731, 0.4499, 0.3355



33.7860, 0.4930, 0.3363



62.4240, 0.4144, 0.3981



18.1248, 0.3293, 0.3302



11.3052, 0.6368, 0.3326



1.1471, 0.6291, 0.3387

Inverse Universe

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



79.6663, 0.2465, 0.3220



77.2582, 0.2379, 0.3204



47.7796, 0.2319, 0.2459



20.3254, 0.2980, 0.3278



37.3110, 0.2206, 0.3142



3.6765, 0.2211, 0.3159

Previews

White Background



This preview shows how the Yxy color 40.1729, 0.4499, 0.3355 looks on a white background.

Color Contrast Check

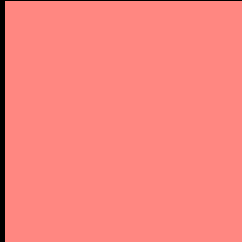
Large Text (above 18pt) WCAG AA × Fail

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 40.1729, 0.4499, 0.3355 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 40.1729, 0.4499, 0.3355

Background



This preview shows how black text looks on a background with the Yxy color 40.1729, 0.4499, 0.3355.



This preview shows how white text looks on a background with the Yxy color 40.1729, 0.4499, 0.3355.

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

40.1729, 0.4499, 0.3355

Protanopia

40.3775, 0.3429, 0.3637

Deuteranopia

40.2062, 0.3878, 0.3794



Tritanopia

40.2934, 0.4347, 0.3201

Trichromacy



Original Color

40.1729, 0.4499, 0.3355

Protanomaly

39.2434, 0.3809, 0.3521

Deuteranomaly

39.6610, 0.4101, 0.3617

Tritanomaly

40.1452, 0.4404, 0.3253

Monochromacy



Original Color

40.1729, 0.4499, 0.3355

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

38.8980, 0.3587, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1729, 0.4499, 0.3355 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, 129)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 129)  
}
```

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, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 129) }
```

Border

The CSS property to change the border of an element to Yxy 40.1729, 0.4499, 0.3355 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, 129) }
```

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

```
.border{ border-color:rgb(255, 135, 129) }
```

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, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 135, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 135, 129);  
box-shadow:4px 4px 4px 4px rgb(255, 135,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1729, 0.4499, 0.3355 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, 129) }
```

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

```
.background{ background-color: rgb(255,  
135, 129) }
```

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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