

Converting Colors

$Y_{xy}(39.7542, 0.4640, 0.3478)$

Have a look what the booklet for
Yxy(39.7542, 0.4640, 0.3478)
contains.

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Color

Yxy(39.8489, 0.4641, 0.3486)

Conversions

Conversions Part 1

Format	Color
Hex	FF8774
RGB	255, 135, 116
RGB Percent	100%, 53%, 45%
CMY	0.0000, 0.4705, 0.5452
CMYK	0.00, 0.47, 0.55, 0.00
HSL	8°, 100%, 73%
HSV	8°, 55%, 100%
XYZ	53.0518, 39.8489, 21.4105
YIQ	168.7140, 77.6190, 19.5310

Conversions

Conversions Part 2

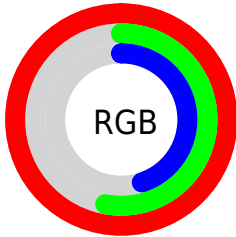
Format	Color
R_{YB}	255, 138, 116
Decimal	16746356
CIE _{Lab}	69.36, 43.74, 30.87
CIE _{LCh}	69, 53.538, 35.217
Yxy	39.8489, 0.4641, 0.3486
Android (android.graphics.Color)	4294936436 (0xFFFF8774)
YUV	168.7140, -25.9880, 75.6728
Hunter-Lab	63.1260, 39.5431, 24.0787

Details

The Yxy color **39.8489, 0.4641, 0.3486** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **70.8894, 0.2386, 0.3062**, and the grayscale version is **39.6309, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9141, 0.3858, 0.3523**, and **17.9092, 0.5096, 0.3473** is the 20% darker color. If you saturate the color by 10%, you get **33.8170, 0.5076, 0.3503**, and if you desaturate by 10%, it is **47.3168, 0.4247, 0.3456**.

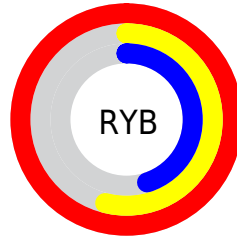
Distribution



Red (100%)

Green (53%)

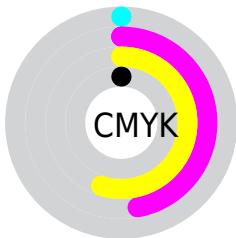
Blue (45%)



Red (100%)

Yellow (54%)

Blue (45%)

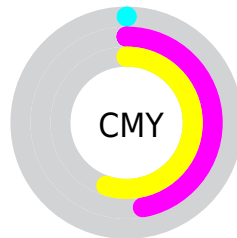


Cyan (0%)

Magenta (47%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8489, 0.4641, 0.3486 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 39.8489, 0.4641, 0.3486 by changing the saturation by 10% instead.


 39.8489, 0.4641,
0.3486


 39.8489, 0.4641,
0.3486


345.4863, 0.3862,
0.3432


 27.4208, 0.4836,
0.3483


 74.9334, 0.4356,
0.3478

 17.8895, 0.5085,
0.3470


 98.3585, 0.4249,
0.3472

 10.8707, 0.5408,
0.3434


 126.2180, 0.4159,
0.3465

 5.9799, 0.5838,
0.3352

158.8964, 0.4082,
0.3458

 2.8329, 0.6561,
0.3238

196.7781, 0.4016,
0.3451

 1.0451, 0.7229,
0.2771

240.2473, 0.3958,

 0.0000, 1.0000,

0.3444

0.0000

289.6886, 0.3907,
0.3438

■ 0.0000, 0.0000,
0.0000

■ 39.8489, 0.4641,
0.3486

■ 39.8489, 0.4641,
0.3486

■ 33.8170, 0.5076,
0.3503

■ 47.3168, 0.4247,
0.3456

■ 29.1223, 0.5517,
0.3498

■ 56.2987, 0.3907,
0.3419

■ 25.6637, 0.5910,
0.3468

■ 66.8741, 0.3624,
0.3380

■ 23.3219, 0.6194,
0.3413

■ 79.1153, 0.3391,
0.3342

■ 22.4556, 0.6299,
0.3381

■ 93.0901, 0.3201,
0.3305

99.9976, 0.3127,
0.3290

Harmonies

Analogous

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



39.8489, 0.4182, 0.2932



39.8489, 0.4641, 0.3486



39.8489, 0.4610, 0.4061

Triad

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



39.8489, 0.4641, 0.3486



39.8489, 0.2720, 0.4378



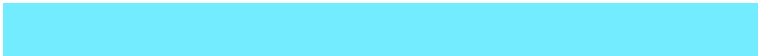
39.8489, 0.2085, 0.2109

Complementary

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



39.8489, 0.4641, 0.3486



70.8894, 0.2386, 0.3062

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.



39.8489, 0.1809, 0.2299



39.8489, 0.4641, 0.3486



39.8489, 0.2126, 0.3578

Square

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



39.8489, 0.4641, 0.3486



39.8489, 0.3465, 0.4742



39.8489, 0.1817, 0.2795



39.8489, 0.2639, 0.2180

Rectangle

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



39.8489, 0.4641, 0.3486



39.8489, 0.4346, 0.4410



39.8489, 0.1817, 0.2795



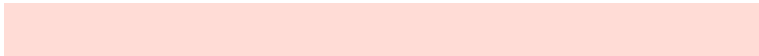
39.8489, 0.1962, 0.2141

Sweetspot

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



39.8510, 0.4641, 0.3486



77.2010, 0.3423, 0.3347



39.8251, 0.3359, 0.2134



15.9661, 0.3468, 0.3355



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.



39.8510, 0.4641, 0.3486



33.5640, 0.5097, 0.3503



65.7115, 0.4192, 0.4174



18.3882, 0.3291, 0.3323



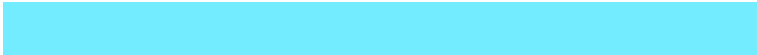
11.8564, 0.6279, 0.3396



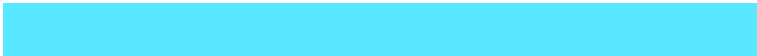
1.2712, 0.6102, 0.3537

Inverse Universe

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



70.8894, 0.2386, 0.3062



67.2353, 0.2290, 0.3012



38.5482, 0.2199, 0.2171



20.0320, 0.2980, 0.3257



30.7013, 0.2125, 0.2849



3.1013, 0.2140, 0.2904

Previews

White Background



This preview shows how the Yxy color 39.8489, 0.4641, 0.3486 looks on a white background.

Color Contrast Check

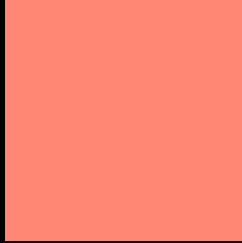
Large Text (above 18pt) WCAG AA × Fail

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 39.8489, 0.4641, 0.3486 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 39.8489, 0.4641, 0.3486

Background



This preview shows how black text looks on a background with the Yxy color 39.8489, 0.4641, 0.3486.



This preview shows how white text looks on a background with the Yxy color 39.8489, 0.4641, 0.3486.

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

39.8489, 0.4641, 0.3486

Protanopia

40.2119, 0.3574, 0.3830

Deuteranopia

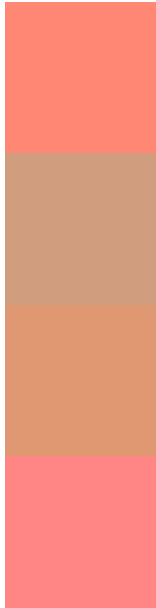
39.8257, 0.4025, 0.3939



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

39.8489, 0.4641, 0.3486

Protanomaly

39.0302, 0.3949, 0.3684

Deuteranomaly

39.3367, 0.4258, 0.3752

Tritanomaly

40.0036, 0.4460, 0.3304

Monochromacy



Original Color

39.8489, 0.4641, 0.3486

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.5953, 0.3627, 0.3383

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8489, 0.4641, 0.3486 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 135, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 135, 116) }
```

Border

The CSS property to change the border of an element to Yxy 39.8489, 0.4641, 0.3486 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, 116) }
```

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

```
.border{ border-color:rgb(255, 135, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 135, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 135, 116); box-shadow:4px 4px 4px 4px rgb(255, 135, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8489, 0.4641, 0.3486 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, 116) }
```

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

```
.background{ background-color: rgb(255,  
135, 116) }
```

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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