

Converting Colors

$Y_{xy}(48.0218, 0.4981, 0.3440)$

Have a look what the booklet for
Yxy(48.0218, 0.4981, 0.3440)
contains.

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Color

Yxy(39.2960, 0.4654, 0.3465)

Conversions

Conversions Part 1

Format	Color
Hex	FF8574
RGB	255, 133, 116
RGB Percent	100%, 52%, 45%
CMY	0.0000, 0.4784, 0.5450
CMYK	0.00, 0.48, 0.55, 0.00
HSL	7°, 100%, 73%
HSV	7°, 55%, 100%
XYZ	52.7803, 39.2960, 21.3321
YIQ	167.5400, 78.1690, 20.5770

Conversions

Conversions Part 2

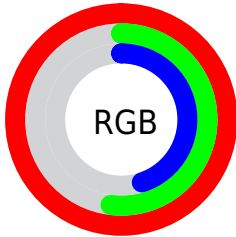
Format	Color
RYB	255, 135, 116
Decimal	16745844
CIELab	68.97, 44.74, 30.33
CIElCh	69, 54.057, 34.133
Yxy	39.2960, 0.4654, 0.3465
Android (android.graphics.Color)	4294935924 (0xFFFF8574)
YUV	167.5400, -25.4092, 76.7024
Hunter-Lab	62.6865, 40.5905, 23.7043

Details

The Yxy color **39.2960, 0.4654, 0.3465** is a light color, and the websafe version is hex **FF6666**. A complement of this color would be **72.0897, 0.2391, 0.3087**, and the grayscale version is **39.0211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.0536, 0.3866, 0.3502**, and **17.6240, 0.5102, 0.3437** is the 20% darker color. If you saturate the color by 10%, you get **33.2937, 0.5095, 0.3479**, and if you desaturate by 10%, it is **46.7710, 0.4255, 0.3438**.

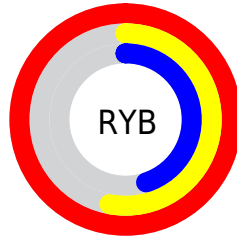
Distribution



Red (100%)

Green (52%)

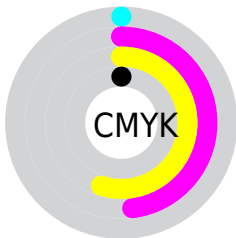
Blue (45%)



Red (100%)

Yellow (53%)

Blue (45%)

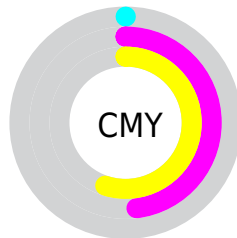


Cyan (0%)

Magenta (48%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (48%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2960, 0.4654, 0.3465 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 39.2960, 0.4654, 0.3465 by changing the saturation by 10% instead.


 39.2960, 0.4654,
0.3465


 39.2960, 0.4654,
0.3465


343.1473, 0.3867,
0.3422

 26.9901, 0.4852,
0.3459


 74.0903, 0.4365,
0.3461

 17.5658, 0.5104,
0.3442


 97.3474, 0.4258,
0.3456

 10.6387, 0.5434,
0.3402


 125.0238, 0.4167,
0.3450

 5.8244, 0.5873,
0.3313

157.5037, 0.4089,
0.3444

 2.7386, 0.6616,
0.3191

195.1717, 0.4022,
0.3439

 0.9968, 0.7295,
0.2705

238.4120, 0.3963,

 0.0000, 1.0000,

0.3433

0.0000

287.6091, 0.3912,
0.3427

 0.0000, 0.0000,
0.0000


 39.2960, 0.4654,
0.3465


 39.2960, 0.4654,
0.3465


 33.2937, 0.5095,
0.3479

 46.7710, 0.4255,
0.3438


 28.6606, 0.5540,
0.3474


 55.8010, 0.3911,
0.3406


 25.2894, 0.5934,
0.3446

 66.4695, 0.3626,
0.3371

 23.0538, 0.6215,
0.3395

 78.8522, 0.3392,
0.3336

 22.2482, 0.6316,
0.3367

 93.0200, 0.3201,
0.3304

99.9995, 0.3127,
0.3290

Harmonies

Analogous

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



39.2960, 0.4173, 0.2908



39.2960, 0.4654, 0.3465



39.2960, 0.4639, 0.4047

Triad

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



39.2960, 0.4654, 0.3465



39.2960, 0.2739, 0.4419



39.2960, 0.2057, 0.2097

Complementary

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



39.2960, 0.4654, 0.3465



72.0897, 0.2391, 0.3087

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.



39.2960, 0.1789, 0.2298



39.2960, 0.4654, 0.3465



39.2960, 0.2130, 0.3613

Square

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



39.2960, 0.4654, 0.3465



39.2960, 0.3495, 0.4766



39.2960, 0.1807, 0.2811



39.2960, 0.2607, 0.2160

Rectangle

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



39.2960, 0.4654, 0.3465



39.2960, 0.4379, 0.4405



39.2960, 0.1807, 0.2811



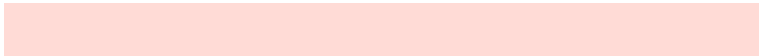
39.2960, 0.1936, 0.2132

Sweetspot

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



39.2981, 0.4654, 0.3465



76.8858, 0.3424, 0.3341



39.9743, 0.3337, 0.2116



15.8921, 0.3469, 0.3348



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.



39.2981, 0.4654, 0.3465



33.0316, 0.5117, 0.3480



64.6322, 0.4205, 0.4153



18.3446, 0.3291, 0.3320



11.7366, 0.6298, 0.3381



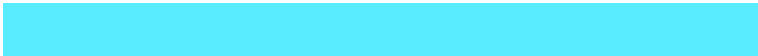
1.2508, 0.6131, 0.3514

Inverse Universe

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



72.0897, 0.2391, 0.3087



68.6248, 0.2298, 0.3042



39.4202, 0.2206, 0.2202



20.0801, 0.2980, 0.3260



31.7315, 0.2139, 0.2899



3.1916, 0.2152, 0.2947

Previews

White Background



This preview shows how the Yxy color 39.2960, 0.4654, 0.3465 looks on a white background.

Color Contrast Check

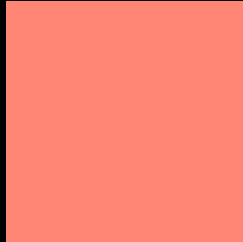
Large Text (above 18pt) WCAG AA × Fail

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 39.2960, 0.4654, 0.3465 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 39.2960, 0.4654, 0.3465

Background



This preview shows how black text looks on a background with the Yxy color 39.2960, 0.4654, 0.3465.



This preview shows how white text looks on a background with the Yxy color 39.2960, 0.4654, 0.3465.

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

39.2960, 0.4654, 0.3465

Protanopia

39.3473, 0.3571, 0.3806

Deuteranopia

39.3339, 0.4021, 0.3930



Tritanopia

39.3860, 0.4396, 0.3201

Trichromacy



Original Color

39.2960, 0.4654, 0.3465

Protanomaly

38.2144, 0.3949, 0.3661

Deuteranomaly

38.8551, 0.4255, 0.3743

Tritanomaly

39.4012, 0.4494, 0.3304

Monochromacy



Original Color

39.2960, 0.4654, 0.3465

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

37.8920, 0.3643, 0.3370

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2960, 0.4654, 0.3465 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, 133, 116)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 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, 133, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 116) }
```

Border

The CSS property to change the border of an element to Yxy 39.2960, 0.4654, 0.3465 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, 133, 116) }
```

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

```
.border{ border-color:rgb(255, 133, 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, 133, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 116);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2960, 0.4654, 0.3465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 133, 116) }
```

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

```
.background{ background-color: rgb(255,  
133, 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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