

Converting Colors

$Y_{xy}(39.8850, 0.4494, 0.3333)$

Have a look what the booklet for
Yxy(39.8850, 0.4494, 0.3333)
contains.

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Color

Yxy(39.9219, 0.4494, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	FF8682
RGB	255, 134, 130
RGB Percent	100%, 53%, 51%
CMY	0.0000, 0.4745, 0.4902
CMYK	0.00, 0.47, 0.49, 0.00
HSL	2°, 100%, 75%
HSV	2°, 49%, 100%
XYZ	53.7958, 39.9219, 25.9881
YIQ	169.7230, 73.4000, 24.4080

Conversions

Conversions Part 2

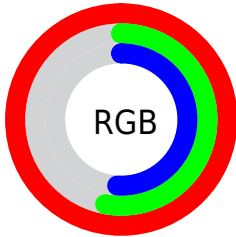
Format	Color
R _Y B	255, 134, 130
Decimal	16746114
CIE Lab	69.41, 45.43, 23.20
CIE LCh	69, 51.013, 27.057
Yxy	39.9219, 0.4494, 0.3335
Android (android.graphics.Color)	4294936194 (0xFFFF8682)
YUV	169.7230, -19.5834, 74.7879
Hunter-Lab	63.1838, 41.4065, 19.8421

Details

The Yxy color **39.9219, 0.4494, 0.3335** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.9559, 0.2473, 0.3242**, and the grayscale version is **40.1255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.0741, 0.3734, 0.3355**, and **17.9483, 0.4898, 0.3295** is the 20% darker color. If you saturate the color by 10%, you get **33.2755, 0.4947, 0.3341**, and if you desaturate by 10%, it is **48.3319, 0.4098, 0.3326**.

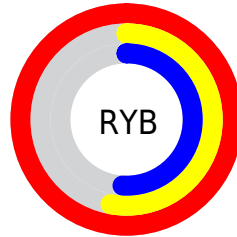
Distribution



Red (100%)

Green (53%)

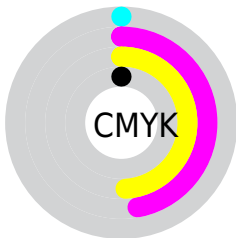
Blue (51%)



Red (100%)

Yellow (53%)

Blue (51%)

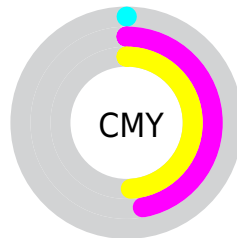


Cyan (0%)

Magenta (47%)

Yellow (49%)

Black (0%)



Cyan (0%)


Magenta (47%)


Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.9219, 0.4494, 0.3335 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 39.9219, 0.4494, 0.3335 by changing the saturation by 10% instead.


 39.9219, 0.4494,
0.3335

 39.9219, 0.4494,
0.3335


345.7943, 0.3788,
0.3345


 27.4777, 0.4674,
0.3321


 75.0446, 0.4234,
0.3347

 17.9323, 0.4905,
0.3297


 98.4918, 0.4137,
0.3349

 10.9014, 0.5211,
0.3252


 126.3755, 0.4056,
0.3350

 6.0006, 0.5631,
0.3168

159.0800, 0.3986,
0.3350

 2.8454, 0.6238,
0.3004

196.9897, 0.3926,
0.3349

 1.0516, 0.7291,
0.2709

240.4891, 0.3874,


 0.0000, 1.0000,


0.3348


0.0000


289.9625, 0.3828,
0.3347

 0.0000, 0.0000,
0.0000


 39.9219, 0.4494,
0.3335

 39.9219, 0.4494,
0.3335

 33.2755, 0.4947,
0.3341


 48.3319, 0.4098,
0.3326


 28.2647, 0.5424,
0.3342


 58.6156, 0.3768,
0.3317

 24.7487, 0.5866,
0.3337

 70.8775, 0.3500,
0.3307

 22.5620, 0.6198,
0.3325

 85.2137, 0.3284,
0.3298

 21.4955, 0.6374,
0.3312

100.0000, 0.3127,
0.3290

■ 21.4374, 0.6385,
0.3312

Harmonies

Analogous

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



39.9219, 0.3950, 0.2817



39.9219, 0.4494, 0.3335



39.9219, 0.4598, 0.3890

Triad

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



39.9219, 0.4494, 0.3335



39.9219, 0.2931, 0.4468



39.9219, 0.2029, 0.2181

Complementary

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



39.9219, 0.4494, 0.3335



80.9559, 0.2473, 0.3242

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.



39.9219, 0.1836, 0.2443



39.9219, 0.4494, 0.3335



39.9219, 0.2303, 0.3788

Square

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



39.9219, 0.4494, 0.3335



39.9219, 0.3650, 0.4669



39.9219, 0.1923, 0.3004



39.9219, 0.2492, 0.2183

Rectangle

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



39.9219, 0.4494, 0.3335



39.9219, 0.4418, 0.4241



39.9219, 0.1923, 0.3004



39.9219, 0.1934, 0.2237

Sweetspot

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



39.9229, 0.4494, 0.3335



76.3871, 0.3407, 0.3303



44.3111, 0.3201, 0.2119



15.7226, 0.3455, 0.3305



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.



39.9229, 0.4494, 0.3335



33.2875, 0.4946, 0.3341



61.7148, 0.4146, 0.3955



18.0803, 0.3294, 0.3298



11.2419, 0.6378, 0.3317



1.1260, 0.6326, 0.3359

Inverse Universe

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



80.9559, 0.2473, 0.3242



78.6779, 0.2385, 0.3231



48.9727, 0.2330, 0.2494



20.3756, 0.2980, 0.3282



38.5209, 0.2219, 0.3189



3.7808, 0.2223, 0.3201

Previews

White Background



This preview shows how the Yxy color 39.9219, 0.4494, 0.3335 looks on a white background.

Color Contrast Check

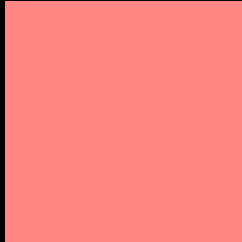
Large Text (above 18pt) WCAG AA × Fail

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 39.9219, 0.4494, 0.3335 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 39.9219, 0.4494, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 39.9219, 0.4494, 0.3335.



This preview shows how white text looks on a background with the Yxy color 39.9219, 0.4494, 0.3335.

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

39.9219, 0.4494, 0.3335

Protanopia

39.9475, 0.3404, 0.3596

Deuteranopia

40.0926, 0.3858, 0.3784



Tritanopia

39.9881, 0.4363, 0.3201

Trichromacy



Original Color

39.9219, 0.4494, 0.3335

Protanomaly

38.8218, 0.3782, 0.3484

Deuteranomaly

39.3609, 0.4097, 0.3593

Tritanomaly

39.8700, 0.4409, 0.3242

Monochromacy



Original Color

39.9219, 0.4494, 0.3335

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 39.9219, 0.4494, 0.3335 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, 134, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 134, 130)  
}
```

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, 134, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 134, 130) }
```

Border

The CSS property to change the border of an element to Yxy 39.9219, 0.4494, 0.3335 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, 134, 130) }
```

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

```
.border{ border-color:rgb(255, 134, 130) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(255, 134, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 134, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 134, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 134,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9219, 0.4494, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 134, 130) }
```

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

```
.background{ background-color: rgb(255,  
134, 130) }
```

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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