

Converting Colors

$Y_{xy}(39.6860, 0.4430, 0.3255)$

Have a look what the booklet for
Yxy(39.6860, 0.4430, 0.3255)
contains.

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Color

Yxy(39.8126, 0.4432, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	FF8588
RGB	255, 133, 136
RGB Percent	100%, 52%, 53%
CMY	0.0000, 0.4784, 0.4667
CMYK	0.00, 0.48, 0.47, 0.00
HSL	359°, 100%, 76%
HSV	359°, 48%, 100%
XYZ	54.0758, 39.8126, 28.1238
YIQ	169.8200, 71.7490, 26.7970

Conversions

Conversions Part 2

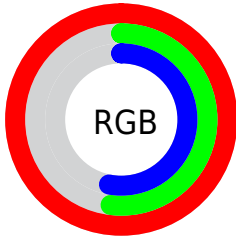
Format	Color
R_{YB}	255, 133, 136
Decimal	16745864
CIE _{Lab}	69.34, 46.48, 19.76
CIE _{LCh}	69, 50.509, 23.031
Yxy	39.8126, 0.4432, 0.3263
Android (android.graphics.Color)	4294935944 (0xFFFF8588)
YUV	169.8200, -16.6733, 74.7029
Hunter-Lab	63.0972, 42.5586, 17.7412

Details

The Yxy color **39.8126, 0.4432, 0.3263** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.5347, 0.2506, 0.3322**, and the grayscale version is **40.1594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.9006, 0.3686, 0.3281**, and **17.8785, 0.4827, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **33.0294, 0.4879, 0.3261**, and if you desaturate by 10%, it is **48.4518, 0.4045, 0.3268**.

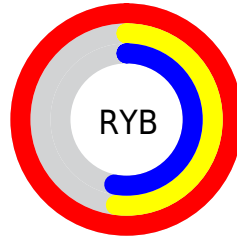
Distribution



Red (100%)

Green (52%)

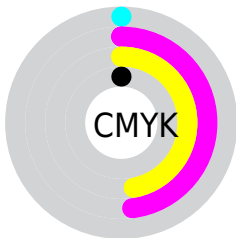
Blue (53%)



Red (100%)

Yellow (52%)

Blue (53%)

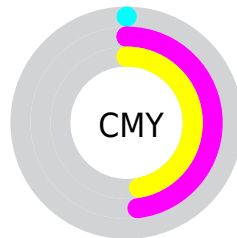


Cyan (0%)

Magenta (48%)

Yellow (47%)

Black (0%)



Cyan (0%)


Magenta (48%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8126, 0.4432, 0.3263 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 39.8126, 0.4432, 0.3263 by changing the saturation by 10% instead.


 39.8126, 0.4432,
0.3263

 39.8126, 0.4432,
0.3263


345.3331, 0.3757,
0.3305


 27.3925, 0.4605,
0.3243


 74.8781, 0.4183,
0.3285

 17.8682, 0.4828,
0.3212

 98.2922, 0.4091,
0.3291

 10.8554, 0.5124,
0.3160


 126.1397, 0.4013,
0.3296

 5.9697, 0.5535,
0.3070

158.8051, 0.3946,
0.3299

 2.8267, 0.6127,
0.2899

196.6728, 0.3889,
0.3301

 1.0419, 0.7336,
0.2664

240.1271, 0.3840,

 0.0000, 1.0000,

0.3303

0.0000

289.5524, 0.3796,
0.3304

■ 0.0000, 0.0000,
0.0000

■ 39.8126, 0.4432,
0.3263

■ 39.8126, 0.4432,
0.3263

■ 33.0294, 0.4879,
0.3261

■ 48.4518, 0.4045,
0.3268

■ 27.9698, 0.5358,
0.3262

■ 59.0734, 0.3725,
0.3274

■ 24.4776, 0.5811,
0.3268


■ 71.7885, 0.3466,
0.3280

■ 22.3702, 0.6163,
0.3278

■ 86.7008, 0.3260,
0.3286

■ 21.4049, 0.6358,
0.3290

100.0000, 0.3127,
0.3290

 21.2737, 0.6383,
0.3290

Harmonies

Analogous

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



39.8126, 0.3847, 0.2759



39.8126, 0.4432, 0.3263



39.8126, 0.4599, 0.3814

Triad

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



39.8126, 0.4432, 0.3263



39.8126, 0.3028, 0.4515



39.8126, 0.1996, 0.2208

Complementary

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



39.8126, 0.4432, 0.3263



83.5347, 0.2506, 0.3322

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.



39.8126, 0.1841, 0.2508



39.8126, 0.4432, 0.3263



39.8126, 0.2382, 0.3890

Square

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



39.8126, 0.4432, 0.3263



39.8126, 0.3739, 0.4643



39.8126, 0.1966, 0.3103



39.8126, 0.2421, 0.2177

Rectangle

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



39.8126, 0.4432, 0.3263



39.8126, 0.4457, 0.4168



39.8126, 0.1966, 0.3103



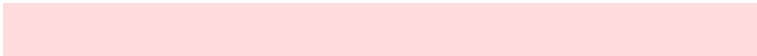
39.8126, 0.1914, 0.2276

Sweetspot

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



39.8113, 0.4432, 0.3263



77.2564, 0.3381, 0.3282



44.4908, 0.3146, 0.2115



15.8706, 0.3428, 0.3281



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.



39.8113, 0.4432, 0.3263



33.5337, 0.4840, 0.3261



59.7505, 0.4148, 0.3880



17.9943, 0.3291, 0.3285



11.1191, 0.6376, 0.3286



1.0851, 0.6317, 0.3253

Inverse Universe

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



39.8113, 0.4432, 0.3263



33.5337, 0.4840, 0.3261



52.6240, 0.2364, 0.2595



17.9943, 0.3291, 0.3285



11.1191, 0.6376, 0.3286



1.0851, 0.6317, 0.3253

Previews

White Background



This preview shows how the Yxy color 39.8126, 0.4432, 0.3263 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 39.8126, 0.4432, 0.3263 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 39.8126, 0.4432, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 39.8126, 0.4432, 0.3263.



This preview shows how white text looks on a background with the Yxy color 39.8126, 0.4432, 0.3263.

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

39.8126, 0.4432, 0.3263

Protanopia

39.9391, 0.3323, 0.3499

Deuteranopia

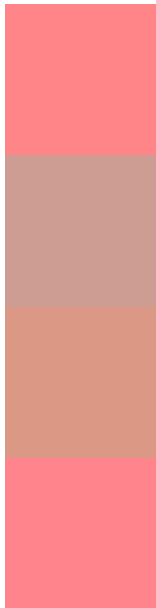
39.9752, 0.3781, 0.3710



Tritanopia

39.7155, 0.4368, 0.3191

Trichromacy



Original Color

39.8126, 0.4432, 0.3263

Protanomaly

38.8627, 0.3711, 0.3407

Deuteranomaly

39.2100, 0.4014, 0.3523

Tritanomaly

39.6560, 0.4391, 0.3211

Monochromacy



Original Color

39.8126, 0.4432, 0.3263

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.0001, 0.3557, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8126, 0.4432, 0.3263 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, 136)` looks like.

```
.text, #text, p{  
    color:rgb(255, 133, 136)  
}
```

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, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 133, 136) }
```

Border

The CSS property to change the border of an element to Yxy 39.8126, 0.4432, 0.3263 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, 136) }
```

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

```
.border{ border-color:rgb(255, 133, 136) }
```

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, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 133, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 133, 136);  
box-shadow:4px 4px 4px 4px rgb(255, 133,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8126, 0.4432, 0.3263 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, 136) }
```

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

```
.background{ background-color: rgb(255,  
133, 136) }
```

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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