

Converting Colors

$Y_{xy}(50.2815, 0.3956, 0.3240)$

Have a look what the booklet for
Yxy(50.2815, 0.3956, 0.3240)
contains.

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Color

Yxy(50.2815, 0.3956, 0.3240)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A8
RGB	255, 163, 168
RGB Percent	100%, 64%, 66%
CMY	0.0002, 0.3607, 0.3412
CMYK	0.00, 0.36, 0.34, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.3931, 50.2815, 43.5152
YIQ	191.0780, 53.2270, 21.0590

Conversions

Conversions Part 2

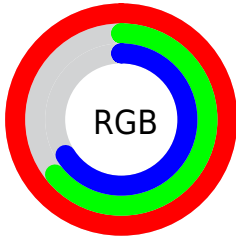
Format	Color
R_{YB}	255, 163, 168
Decimal	16753576
CIE _{Lab}	76.24, 34.62, 11.72
CIE _{LCh}	76, 36.548, 18.702
Yxy	50.2815, 0.3956, 0.3240
Android (android.graphics.Color)	4294943656 (0xFFFFA3A8)
YUV	191.0780, -11.3775, 56.0596
Hunter-Lab	70.9094, 30.4530, 13.2519

Details

The Yxy color **50.2815, 0.3956, 0.3240** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1830, 0.2642, 0.3343**, and the grayscale version is **52.1940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2507, 0.3362, 0.3251**, and **24.1486, 0.4190, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **41.3054, 0.4319, 0.3228**, and if you desaturate by 10%, it is **61.2542, 0.3658, 0.3254**.

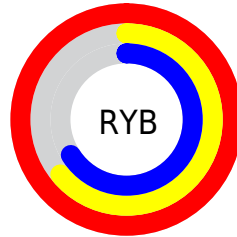
Distribution



Red (100%)

Green (64%)

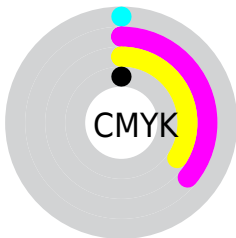
Blue (66%)



Red (100%)

Yellow (64%)

Blue (66%)

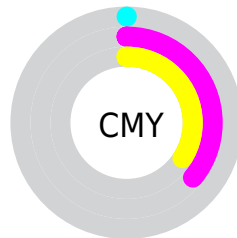


Cyan (0%)

Magenta (36%)

Yellow (34%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2815, 0.3956, 0.3240 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 50.2815, 0.3956, 0.3240 by changing the saturation by 10% instead.


 50.2815, 0.3956,
0.3240


 50.2815, 0.3956,
0.3240


387.7658, 0.3543,
0.3275

 35.6371, 0.4058,
0.3228


 90.5918, 0.3807,
0.3255

 24.1541, 0.4188,
0.3212


 117.0265, 0.3750,
0.3260

 15.4479, 0.4360,
0.3187


148.1602, 0.3703,
0.3264

 9.1344, 0.4595,
0.3148

184.3771, 0.3662,
0.3267

 4.8289, 0.4937,
0.3081

226.0618, 0.3626,
0.3270

 2.1472, 0.5468,
0.2952

273.5985, 0.3595,

 0.6910, 0.7097,

0.3272

0.2903

327.3717, 0.3567,
0.3274

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2815, 0.3956,
0.3240

50.2815, 0.3956,
0.3240

41.3054, 0.4319,
0.3228

61.2542, 0.3658,
0.3254

34.1990, 0.4744,
0.3219

74.3256, 0.3417,
0.3268

28.8325, 0.5210,
0.3218

89.6000, 0.3224,
0.3282

25.0561, 0.5671,
0.3226

99.9917, 0.3127,
0.3290

■ 22.6951, 0.6057,
0.3245

■ 21.5331, 0.6304,
0.3272

■ 21.2828, 0.6362,
0.3278

Harmonies

Analogous

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



50.2815, 0.3545, 0.2879



50.2815, 0.3956, 0.3240



50.2815, 0.4123, 0.3635

Triad

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



50.2815, 0.3956, 0.3240



50.2815, 0.3154, 0.4113



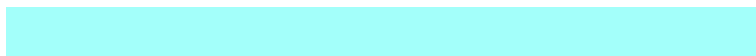
50.2815, 0.2306, 0.2562

Complementary

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



50.2815, 0.3956, 0.3240



86.1830, 0.2642, 0.3343

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.



50.2815, 0.2223, 0.2822



50.2815, 0.3956, 0.3240



50.2815, 0.2687, 0.3753

Square

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



50.2815, 0.3956, 0.3240



50.2815, 0.3635, 0.4184



50.2815, 0.2355, 0.3256



50.2815, 0.2591, 0.2498

Rectangle

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



50.2815, 0.3956, 0.3240



50.2815, 0.4070, 0.3880



50.2815, 0.2355, 0.3256



50.2815, 0.2255, 0.2627

Sweetspot

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



50.2839, 0.3956, 0.3240



81.7982, 0.3314, 0.3275



53.5303, 0.3119, 0.2380



17.0689, 0.3341, 0.3274



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.



50.2839, 0.3956, 0.3240



43.8614, 0.4201, 0.3231



66.5451, 0.3851, 0.3706



18.0030, 0.3286, 0.3278



11.1315, 0.6346, 0.3270



1.0892, 0.6219, 0.3200

Inverse Universe

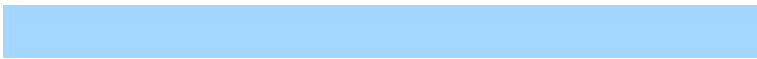
The Inverse Universe completely reimagines the original color for something new.



50.2839, 0.3956, 0.3240



43.8614, 0.4201, 0.3231



63.6697, 0.2555, 0.2830



18.0030, 0.3286, 0.3278



11.1315, 0.6346, 0.3270



1.0892, 0.6219, 0.3200

Previews

White Background



This preview shows how the Yxy color 50.2815, 0.3956, 0.3240 looks on a white background.

Color Contrast Check

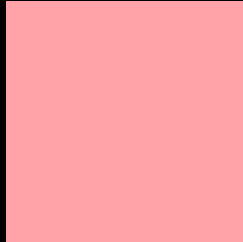
Large Text (above 18pt) WCAG AA × Fail

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 50.2815, 0.3956, 0.3240 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 50.2815, 0.3956, 0.3240

Background



This preview shows how black text looks on a background with the Yxy color 50.2815, 0.3956, 0.3240.



This preview shows how white text looks on a background with the Yxy color 50.2815, 0.3956, 0.3240.

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

50.2815, 0.3956, 0.3240

Protanopia

50.7720, 0.3232, 0.3378

Deuteranopia

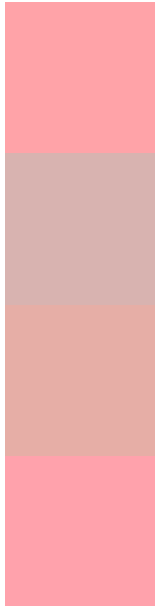
50.2114, 0.3562, 0.3484



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.2815, 0.3956, 0.3240

Protanomaly

49.9737, 0.3480, 0.3327

Deuteranomaly

49.8483, 0.3710, 0.3384

Tritanomaly

50.0792, 0.3921, 0.3187

Monochromacy



Original Color

50.2815, 0.3956, 0.3240

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.7628, 0.3398, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2815, 0.3956, 0.3240 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, 163, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 168)  
}
```

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, 163, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 168) }
```

Border

The CSS property to change the border of an element to Yxy 50.2815, 0.3956, 0.3240 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, 163, 168) }
```

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

```
.border{ border-color:rgb(255, 163, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2815, 0.3956, 0.3240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 168) }
```

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

```
.background{ background-color: rgb(255,  
163, 168) }
```

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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