

Converting Colors

Yxy(50.5017, 0.3898, 0.3240)

Have a look what the booklet for
Yxy(50.5017, 0.3898, 0.3240)
contains.

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Color

Yxy(50.5080, 0.3903, 0.3239)

Conversions

Conversions Part 1

Format	Color
Hex	FCA5AA
RGB	252, 165, 170
RGB Percent	99%, 65%, 67%
CMY	0.0117, 0.3530, 0.3334
CMYK	0.00, 0.35, 0.33, 0.01
HSL	357°, 94%, 82%
HSV	357°, 35%, 99%
XYZ	60.8622, 50.5080, 44.5668
YIQ	191.5830, 50.2470, 19.9990

Conversions

Conversions Part 2

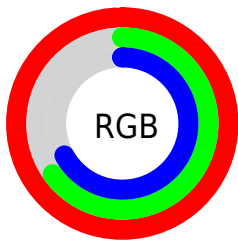
Format	Color
R _Y B	252, 165, 170
Decimal	16557482
CIE Lab	76.38, 32.77, 10.78
CIE LCh	76, 34.501, 18.208
Yxy	50.5080, 0.3903, 0.3239
Android (android.graphics.Color)	4294747562 (0xFFFC A5AA)
YUV	191.5830, -10.6404, 52.9857
Hunter-Lab	71.0690, 28.4935, 12.5680

Details

The Yxy color **50.5080, 0.3903, 0.3239** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.3536, 0.2661, 0.3344**, and the grayscale version is **52.4990, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.4091, 0.3345, 0.3251**, and **24.2338, 0.4115, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **41.4783, 0.4254, 0.3225**, and if you desaturate by 10%, it is **61.4962, 0.3615, 0.3254**.

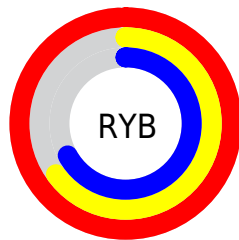
Distribution



Red (99%)

Green (65%)

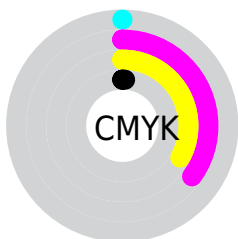
Blue (67%)



Red (99%)

Yellow (65%)

Blue (67%)

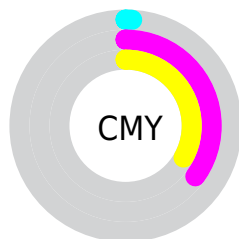


Cyan (0%)

Magenta (35%)

Yellow (33%)

Black (1%)



Cyan (1%)


Magenta (35%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5080, 0.3903, 0.3239 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 50.5080, 0.3903, 0.3239 by changing the saturation by 10% instead.


 50.5080, 0.3903,
0.3239

 50.5080, 0.3903,
0.3239


388.6492, 0.3517,
0.3273

 35.8172, 0.3998,
0.3228


 90.9271, 0.3763,
0.3253

 24.2931, 0.4120,
0.3212


 117.4242, 0.3711,
0.3258

 15.5512, 0.4281,
0.3190


148.6255, 0.3666,
0.3262

 9.2071, 0.4501,
0.3154

184.9154, 0.3628,
0.3265

 4.8765, 0.4822,
0.3092

226.6784, 0.3594,
0.3268

 2.1750, 0.5324,
0.2975

274.2987, 0.3565,

 0.7063, 0.6946,

0.3270

0.2989

328.1609, 0.3540,
0.3272

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5080, 0.3903,
0.3239

50.5080, 0.3903,
0.3239

41.4783, 0.4254,
0.3225

61.4962, 0.3615,
0.3254

34.2854, 0.4669,
0.3215

74.5408, 0.3384,
0.3269

28.8052, 0.5129,
0.3212

89.7419, 0.3198,
0.3284

24.8955, 0.5595,
0.3219

99.4405, 0.3109,
0.3290

■ 22.3911, 0.5997,
0.3237

■ 21.0899, 0.6271,
0.3265

■ 20.7335, 0.6358,
0.3276

Harmonies

Analogous

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



50.5080, 0.3514, 0.2896



50.5080, 0.3903, 0.3239



50.5080, 0.4065, 0.3614

Triad

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



50.5080, 0.3903, 0.3239



50.5080, 0.3162, 0.4065



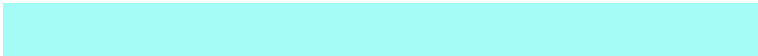
50.5080, 0.2346, 0.2604

Complementary

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



50.5080, 0.3903, 0.3239



84.3536, 0.2661, 0.3344

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.



50.5080, 0.2271, 0.2856



50.5080, 0.3903, 0.3239



50.5080, 0.2719, 0.3733

Square

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



50.5080, 0.3903, 0.3239



50.5080, 0.3616, 0.4131



50.5080, 0.2401, 0.3268



50.5080, 0.2615, 0.2539

Rectangle

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



50.5080, 0.3903, 0.3239



50.5080, 0.4019, 0.3846



50.5080, 0.2401, 0.3268



50.5080, 0.2299, 0.2668

Sweetspot

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



50.5104, 0.3903, 0.3239



83.3432, 0.3295, 0.3276



53.5715, 0.3120, 0.2419



17.3771, 0.3321, 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.



50.5104, 0.3903, 0.3239



45.6323, 0.4124, 0.3230



65.9910, 0.3813, 0.3687



17.2414, 0.3285, 0.3277



10.8043, 0.6342, 0.3267



1.0062, 0.6201, 0.3190

Inverse Universe

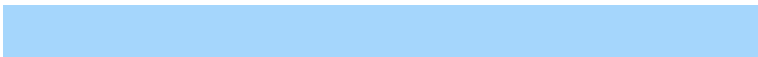
The Inverse Universe completely reimagines the original color for something new.



50.5104, 0.3903, 0.3239



45.6323, 0.4124, 0.3230



63.2801, 0.2579, 0.2853



17.2414, 0.3285, 0.3277



10.8043, 0.6342, 0.3267



1.0062, 0.6201, 0.3190

Previews

White Background



This preview shows how the Yxy color 50.5080, 0.3903, 0.3239 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 50.5080, 0.3903, 0.3239 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 50.5080, 0.3903, 0.3239

Background



This preview shows how black text looks on a background with the Yxy color 50.5080, 0.3903, 0.3239.



This preview shows how white text looks on a background with the Yxy color 50.5080, 0.3903, 0.3239.

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

50.5080, 0.3903, 0.3239

Protanopia

50.8132, 0.3224, 0.3365

Deuteranopia

50.6930, 0.3542, 0.3471



Tritanopia

50.5682, 0.3857, 0.3165

Trichromacy



Original Color

50.5080, 0.3903, 0.3239



Protanomaly

50.3039, 0.3452, 0.3315



Deuteranomaly

50.3718, 0.3667, 0.3384



Tritanomaly

50.4896, 0.3876, 0.3186

Monochromacy



Original Color

50.5080, 0.3903, 0.3239



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.2127, 0.3388, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5080, 0.3903, 0.3239 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(252, 165, 170)` looks like.

```
.text, #text, p{  
    color:rgb(252, 165, 170)  
}
```

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(252, 165, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 165, 170) }
```

Border

The CSS property to change the border of an element to Yxy 50.5080, 0.3903, 0.3239 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(252, 165, 170) }
```

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

```
.border{ border-color:rgb(252, 165, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 165, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 165, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 165, 170);  
box-shadow:4px 4px 4px 4px rgb(252, 165,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5080, 0.3903, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 165, 170) }
```

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

```
.background{ background-color: rgb(252,  
165, 170) }
```

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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