

Converting Colors

$Yxy(50.3040, 0.3969, 0.3256)$

Have a look what the booklet for
Yxy(50.3040, 0.3969, 0.3256)
contains.

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Color

Yxy(50.2444, 0.3966, 0.3250)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A7
RGB	255, 163, 167
RGB Percent	100%, 64%, 65%
CMY	0.0000, 0.3608, 0.3450
CMYK	0.00, 0.36, 0.34, 0.00
HSL	357°, 100%, 82%
HSV	357°, 36%, 100%
XYZ	61.3136, 50.2444, 43.0401
YIQ	190.9640, 53.5480, 20.7480

Conversions

Conversions Part 2

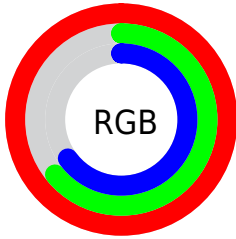
Format	Color
R _Y B	255, 163, 167
Decimal	16753575
CIE Lab	76.22, 34.53, 12.22
CIE LCh	76, 36.628, 19.486
Yxy	50.2444, 0.3966, 0.3250
Android (android.graphics.Color)	4294943655 (0xFFFFA3A7)
YUV	190.9640, -11.8143, 56.1596
Hunter-Lab	70.8833, 30.3557, 13.6176

Details

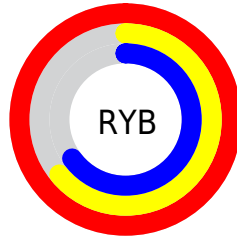
The Yxy color **50.2444, 0.3966, 0.3250** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.2685, 0.2638, 0.3333**, and the grayscale version is **52.1274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1970, 0.3369, 0.3261**, and **24.1254, 0.4204, 0.3226** is the 20% darker color. If you saturate the color by 10%, you get **41.2673, 0.4333, 0.3240**, and if you desaturate by 10%, it is **61.2219, 0.3664, 0.3261**.

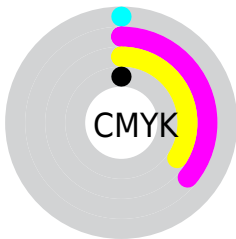
Distribution



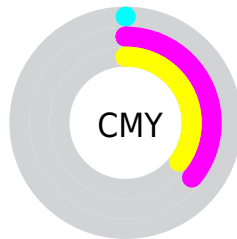
- Red (100%)
- Green (64%)
- Blue (65%)



- Red (100%)
- Yellow (64%)
- Blue (65%)



- Cyan (0%)
- Magenta (36%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (36%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.2444, 0.3966, 0.3250 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 50.2444, 0.3966, 0.3250 by changing the saturation by 10% instead.


 50.2444, 0.3966,
0.3250


 50.2444, 0.3966,
0.3250


387.6209, 0.3548,
0.3281

 35.6076, 0.4069,
0.3239


 90.5369, 0.3815,
0.3263

 24.1313, 0.4201,
0.3224


 116.9614, 0.3758,
0.3268

 15.4311, 0.4375,
0.3201


148.0839, 0.3709,
0.3271

 9.1225, 0.4613,
0.3163

184.2889, 0.3668,
0.3274

 4.8212, 0.4959,
0.3098

225.9607, 0.3632,
0.3276

 2.1427, 0.5495,
0.2970

273.4837, 0.3600,

 0.6885, 0.7096,

0.3278

0.2904

327.2423, 0.3573,
0.3279

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.2444, 0.3966,
0.3250

50.2444, 0.3966,
0.3250

41.2673, 0.4333,
0.3240

61.2219, 0.3664,
0.3261

34.1633, 0.4763,
0.3234

74.3024, 0.3420,
0.3273

28.8021, 0.5233,
0.3233

89.5903, 0.3226,
0.3284

25.0335, 0.5695,
0.3240

99.9995, 0.3127,
0.3290

■ 22.6819, 0.6077,
0.3256

■ 21.5298, 0.6316,
0.3278

■ 21.2840, 0.6370,
0.3283

Harmonies

Analogous

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



50.2444, 0.3558, 0.2886



50.2444, 0.3966, 0.3250



50.2444, 0.4126, 0.3646

Triad

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



50.2444, 0.3966, 0.3250



50.2444, 0.3141, 0.4109



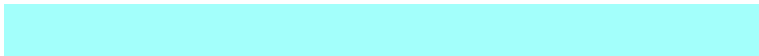
50.2444, 0.2309, 0.2556

Complementary

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



50.2444, 0.3966, 0.3250



86.2685, 0.2638, 0.3333

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.



50.2444, 0.2221, 0.2812



50.2444, 0.3966, 0.3250



50.2444, 0.2675, 0.3742

Square

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



50.2444, 0.3966, 0.3250



50.2444, 0.3625, 0.4188



50.2444, 0.2347, 0.3243



50.2444, 0.2599, 0.2497

Rectangle

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



50.2444, 0.3966, 0.3250



50.2444, 0.4067, 0.3890



50.2444, 0.2347, 0.3243



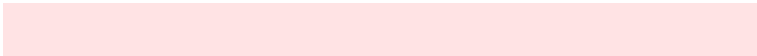
50.2444, 0.2256, 0.2619

Sweetspot

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



50.2468, 0.3966, 0.3250



81.7821, 0.3316, 0.3278



53.8136, 0.3132, 0.2383



17.0651, 0.3343, 0.3277



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.



50.2468, 0.3966, 0.3250



43.8247, 0.4213, 0.3243



67.2809, 0.3846, 0.3721



17.9999, 0.3288, 0.3280



11.1271, 0.6357, 0.3275



1.0877, 0.6253, 0.3218

Inverse Universe

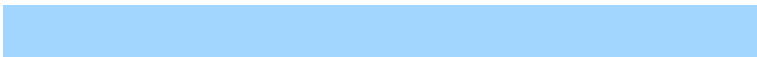
The Inverse Universe completely reimagines the original color for something new.



50.2468, 0.3966, 0.3250



43.8247, 0.4213, 0.3243



62.8982, 0.2552, 0.2811



17.9999, 0.3288, 0.3280



11.1271, 0.6357, 0.3275



1.0877, 0.6253, 0.3218

Previews

White Background



This preview shows how the Yxy color 50.2444, 0.3966, 0.3250 looks on a white background.

Color Contrast Check

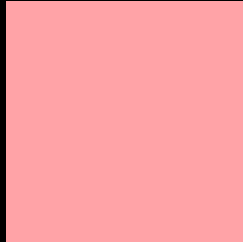
Large Text (above 18pt) WCAG AA × Fail

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 50.2444, 0.3966, 0.3250 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 50.2444, 0.3966, 0.3250

Background



This preview shows how black text looks on a background with the Yxy color 50.2444, 0.3966, 0.3250.



This preview shows how white text looks on a background with the Yxy color 50.2444, 0.3966, 0.3250.

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

50.2444, 0.3966, 0.3250

Protanopia

50.7311, 0.3240, 0.3391

Deuteranopia

50.1752, 0.3571, 0.3496



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.2444, 0.3966, 0.3250



Protanomaly

49.9343, 0.3489, 0.3339



Deuteranomaly

49.8117, 0.3719, 0.3395



Tritanomaly

50.0409, 0.3930, 0.3198

Monochromacy



Original Color

50.2444, 0.3966, 0.3250



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.7213, 0.3407, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.2444, 0.3966, 0.3250 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 167) }
```

Border

The CSS property to change the border of an element to Yxy 50.2444, 0.3966, 0.3250 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, 167) }
```

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

```
.border{ border-color:rgb(255, 163, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 50.2444, 0.3966, 0.3250 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
163, 167) }
```

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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