

Converting Colors

$Y_{xy}(50.2180, 0.3992, 0.3281)$

Have a look what the booklet for
Yxy(50.2180, 0.3992, 0.3281)
contains.

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Color

Yxy(50.1347, 0.3996, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FFA3A4
RGB	255, 163, 164
RGB Percent	100%, 64%, 64%
CMY	0.0000, 0.3608, 0.3569
CMYK	0.00, 0.36, 0.36, 0.00
HSL	359°, 100%, 82%
HSV	359°, 36%, 100%
XYZ	61.0415, 50.1347, 41.5803
YIQ	190.6220, 54.5110, 19.8150

Conversions

Conversions Part 2

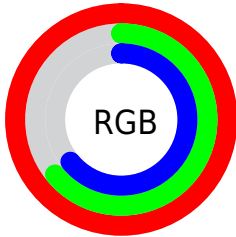
Format	Color
R _Y B	255, 163, 164
Decimal	16753572
CIE Lab	76.15, 34.18, 13.78
CIE LCh	76, 36.853, 21.959
Yxy	50.1347, 0.3996, 0.3282
Android (android.graphics.Color)	4294943652 (0xFFFFA3A4)
YUV	190.6220, -13.1246, 56.4595
Hunter-Lab	70.8059, 29.9740, 14.7464

Details

The Yxy color **50.1347, 0.3996, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4623, 0.2624, 0.3299**, and the grayscale version is **51.9227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0375, 0.3390, 0.3291**, and **24.0575, 0.4245, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **41.1512, 0.4377, 0.3281**, and if you desaturate by 10%, it is **61.1241, 0.3683, 0.3284**.

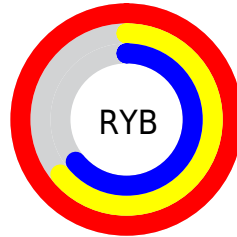
Distribution



Red (100%)

Green (64%)

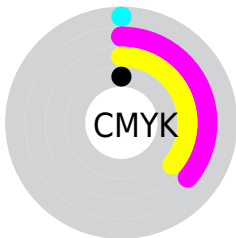
Blue (64%)



Red (100%)

Yellow (64%)

Blue (64%)

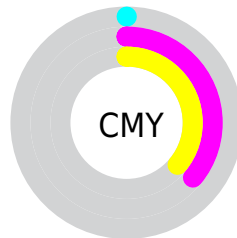


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (36%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1347, 0.3996, 0.3282 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 50.1347, 0.3996, 0.3282 by changing the saturation by 10% instead.


 50.1347, 0.3996,
0.3282

 50.1347, 0.3996,
0.3282


387.1925, 0.3563,
0.3298

 35.5204, 0.4103,
0.3274


 90.3744, 0.3839,
0.3291

 24.0640, 0.4240,
0.3263


 116.7687, 0.3780,
0.3293

 15.3811, 0.4420,
0.3243


147.8584, 0.3730,
0.3295

 9.0873, 0.4666,
0.3211

184.0279, 0.3687,
0.3296

 4.7982, 0.5023,
0.3151

225.6617, 0.3650,
0.3297

 2.1293, 0.5574,
0.3027

273.1441, 0.3617,

 0.6810, 0.7088,

0.3298

0.2912

326.8596, 0.3588,
0.3298

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1347, 0.3996,
0.3282

50.1347, 0.3996,
0.3282

41.1512, 0.4377,
0.3281

61.1241, 0.3683,
0.3284

34.0530, 0.4820,
0.3280

74.2308, 0.3430,
0.3286

28.7057, 0.5302,
0.3281

89.5576, 0.3229,
0.3289

24.9575, 0.5765,
0.3284

100.0000, 0.3127,
0.3290

■ 22.6309, 0.6134,
0.3289

■ 21.5053, 0.6347,
0.3295

■ 21.2661, 0.6393,
0.3295

Harmonies

Analogous

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



50.1347, 0.3601, 0.2911



50.1347, 0.3996, 0.3282



50.1347, 0.4132, 0.3680

Triad

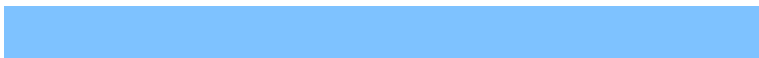
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



50.1347, 0.3996, 0.3282



50.1347, 0.3099, 0.4094



50.1347, 0.2321, 0.2539

Complementary

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



50.1347, 0.3996, 0.3282



86.4623, 0.2624, 0.3299

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.



50.1347, 0.2214, 0.2779



50.1347, 0.3996, 0.3282



50.1347, 0.2638, 0.3706

Square

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



50.1347, 0.3996, 0.3282



50.1347, 0.3590, 0.4199



50.1347, 0.2323, 0.3202



50.1347, 0.2628, 0.2496

Rectangle

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



50.1347, 0.3996, 0.3282



50.1347, 0.4057, 0.3921



50.1347, 0.2323, 0.3202



50.1347, 0.2262, 0.2597

Sweetspot

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



50.1346, 0.3996, 0.3282



81.7309, 0.3322, 0.3288



54.3846, 0.3157, 0.2390



17.0530, 0.3350, 0.3287



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.



50.1346, 0.3996, 0.3282



43.7101, 0.4252, 0.3281



68.7564, 0.3835, 0.3752



17.9903, 0.3293, 0.3288



11.1134, 0.6390, 0.3294



1.0831, 0.6363, 0.3279

Inverse Universe

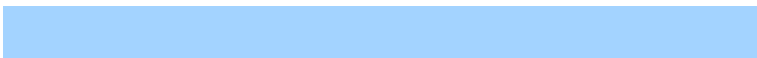
The Inverse Universe completely reimagines the original color for something new.



50.1346, 0.3996, 0.3282



43.7101, 0.4252, 0.3281



61.3634, 0.2547, 0.2774



17.9903, 0.3293, 0.3288



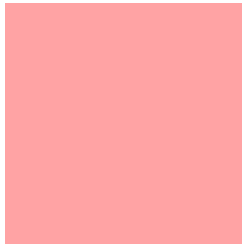
11.1134, 0.6390, 0.3294



1.0831, 0.6363, 0.3279

Previews

White Background



This preview shows how the Yxy color 50.1347, 0.3996, 0.3282 looks on a white background.

Color Contrast Check

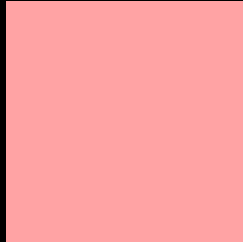
Large Text (above 18pt) WCAG AA × Fail

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 50.1347, 0.3996, 0.3282 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 50.1347, 0.3996, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 50.1347, 0.3996, 0.3282.



This preview shows how white text looks on a background with the Yxy color 50.1347, 0.3996, 0.3282.

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

50.1347, 0.3996, 0.3282

Protanopia

50.1843, 0.3265, 0.3416

Deuteranopia

50.2199, 0.3606, 0.3532



Tritanopia

50.1567, 0.3901, 0.3166

Trichromacy



Original Color

50.1347, 0.3996, 0.3282



Protanomaly

49.4183, 0.3517, 0.3363



Deuteranomaly

49.7037, 0.3747, 0.3430



Tritanomaly

50.0029, 0.3940, 0.3208

Monochromacy



Original Color

50.1347, 0.3996, 0.3282



Achromatopsia

52.0996, 0.3127, 0.3290



Achromatomaly

50.6801, 0.3415, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1347, 0.3996, 0.3282 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 164)  
}
```

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, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 164) }
```

Border

The CSS property to change the border of an element to Yxy 50.1347, 0.3996, 0.3282 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, 164) }
```

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

```
.border{ border-color:rgb(255, 163, 164) }
```

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, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1347, 0.3996, 0.3282 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, 164) }
```

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

```
.background{ background-color: rgb(255,  
163, 164) }
```

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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