

Converting Colors

Yxy(53.3644, 0.3890, 0.3282)

Have a look what the booklet for
Yxy(53.3644, 0.3890, 0.3282)
contains.

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Color

Yxy(53.3644, 0.3890, 0.3282)

Conversions

Conversions Part 1

Format	Color
Hex	FFABAC
RGB	255, 171, 172
RGB Percent	100%, 67%, 67%
CMY	0.0000, 0.3294, 0.3256
CMYK	0.00, 0.33, 0.33, 0.00
HSL	359°, 100%, 84%
HSV	359°, 33%, 100%
XYZ	63.2503, 53.3644, 45.9825
YIQ	196.2300, 49.7430, 18.1190

Conversions

Conversions Part 2

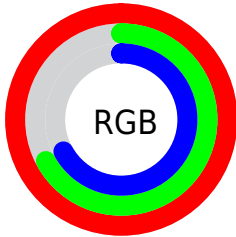
Format	Color
R _Y B	255, 171, 172
Decimal	16755628
CIE Lab	78.09, 30.97, 12.17
CIE LCh	78, 33.275, 21.457
Yxy	53.3644, 0.3890, 0.3282
Android (android.graphics.Color)	4294945708 (0xFFFFABAC)
YUV	196.2300, -11.9454, 51.5413
Hunter-Lab	73.0509, 26.7130, 13.8151

Details

The Yxy color **53.3644, 0.3890, 0.3282** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **87.3360, 0.2661, 0.3299**, and the grayscale version is **55.3964, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7442, 0.3324, 0.3291**, and **26.0487, 0.4091, 0.3266** is the 20% darker color. If you saturate the color by 10%, you get **43.7644, 0.4249, 0.3280**, and if you desaturate by 10%, it is **65.0069, 0.3597, 0.3284**.

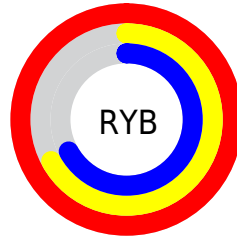
Distribution



Red (100%)

Green (67%)

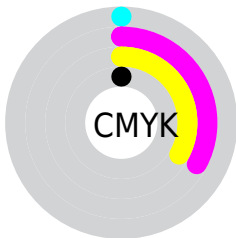
Blue (67%)



Red (100%)

Yellow (67%)

Blue (67%)

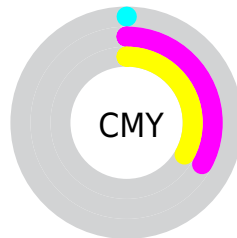


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.3644, 0.3890, 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 53.3644, 0.3890, 0.3282 by changing the saturation by 10% instead.


 53.3644, 0.3890,
0.3282

 53.3644, 0.3890,
0.3282


399.6816, 0.3513,
0.3295

 38.0937, 0.3982,
0.3276

 95.1404, 0.3755,
0.3289

 26.0555, 0.4099,
0.3267


122.4145, 0.3703,
0.3291

 16.8651, 0.4252,
0.3253


154.4585, 0.3660,
0.3292

 10.1384, 0.4461,
0.3228

191.6569, 0.3622,
0.3293

 5.4908, 0.4761,
0.3185

234.3940, 0.3590,
0.3294

 2.5380, 0.5223,
0.3096

283.0542, 0.3561,

 0.8956, 0.6462,

0.3295

0.3107

338.0220, 0.3536,
0.3295

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.3644, 0.3890,
0.3282

53.3644, 0.3890,
0.3282

43.7644, 0.4249,
0.3280

65.0069, 0.3597,
0.3284

36.0882, 0.4674,
0.3279

78.7991, 0.3362,
0.3287

30.2064, 0.5148,
0.3280

94.8419, 0.3175,
0.3289

25.9736, 0.5624,
0.3282

100.0000, 0.3127,
0.3290

■ 23.2214, 0.6032,
0.3287

■ 21.7459, 0.6298,
0.3293

■ 21.2665, 0.6393,
0.3295

Harmonies

Analogous

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



53.3644, 0.3540, 0.2948



53.3644, 0.3890, 0.3282



53.3644, 0.4017, 0.3639

Triad

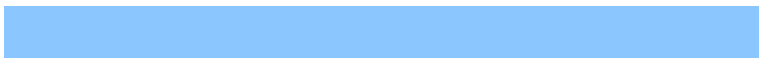
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.3644, 0.3890, 0.3282



53.3644, 0.3114, 0.3998



53.3644, 0.2404, 0.2624

Complementary

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



53.3644, 0.3890, 0.3282



87.3360, 0.2661, 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.



53.3644, 0.2311, 0.2846



53.3644, 0.3890, 0.3282



53.3644, 0.2701, 0.3663

Square

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



53.3644, 0.3890, 0.3282



53.3644, 0.3549, 0.4091



53.3644, 0.2415, 0.3224



53.3644, 0.2679, 0.2579

Rectangle

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



53.3644, 0.3890, 0.3282



53.3644, 0.3955, 0.3852



53.3644, 0.2415, 0.3224



53.3644, 0.2352, 0.2678

Sweetspot

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



53.3648, 0.3890, 0.3282



83.2774, 0.3302, 0.3288



57.3427, 0.3155, 0.2466



17.3613, 0.3330, 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.



53.3648, 0.3890, 0.3282



46.3815, 0.4136, 0.3281



71.0886, 0.3760, 0.3711



17.9905, 0.3293, 0.3288



11.1136, 0.6389, 0.3293



1.0832, 0.6361, 0.3278

Inverse Universe

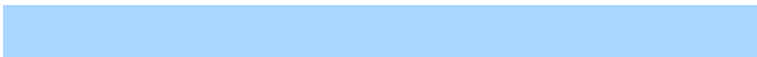
The Inverse Universe completely reimagines the original color for something new.



53.3648, 0.3890, 0.3282



46.3815, 0.4136, 0.3281



64.1751, 0.2598, 0.2826



17.9905, 0.3293, 0.3288



11.1136, 0.6389, 0.3293



1.0832, 0.6361, 0.3278

Previews

White Background



This preview shows how the Yxy color 53.3644, 0.3890, 0.3282 looks on a white background.

Color Contrast Check

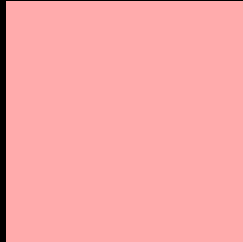
Large Text (above 18pt) WCAG AA × Fail

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 53.3644, 0.3890, 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 53.3644, 0.3890, 0.3282

Background



This preview shows how black text looks on a background with the Yxy color 53.3644, 0.3890, 0.3282.



This preview shows how white text looks on a background with the Yxy color 53.3644, 0.3890, 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

53.3644, 0.3890, 0.3282

Protanopia

53.7009, 0.3252, 0.3413

Deuteranopia

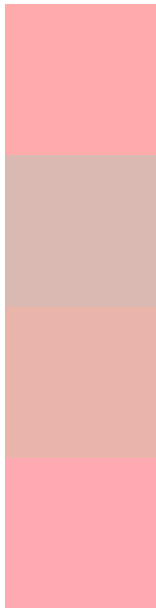
53.3545, 0.3568, 0.3491



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.3644, 0.3890, 0.3282

Protanomaly

53.0127, 0.3468, 0.3361

Deuteranomaly

53.2737, 0.3680, 0.3416

Tritanomaly

53.2238, 0.3836, 0.3208

Monochromacy



Original Color

53.3644, 0.3890, 0.3282

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

53.8802, 0.3381, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.3644, 0.3890, 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, 171, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 172)  
}
```

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, 171, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 172) }
```

Border

The CSS property to change the border of an element to Yxy 53.3644, 0.3890, 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, 171, 172) }
```

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

```
.border{ border-color:rgb(255, 171, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 53.3644, 0.3890, 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, 171, 172) }
```

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

```
.background{ background-color: rgb(255,  
171, 172) }
```

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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