

Converting Colors

$Yxy(67.2893, 0.4483, 0.3354)$

Have a look what the booklet for
Yxy(67.2893, 0.4483, 0.3354)
contains.

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Color

Yxy(53.0662, 0.3965, 0.3366)

Conversions

Conversions Part 1

Format	Color
Hex	FFABA4
RGB	255, 171, 164
RGB Percent	100%, 67%, 64%
CMY	0.0000, 0.3294, 0.3568
CMYK	0.00, 0.33, 0.36, 0.00
HSL	5°, 100%, 82%
HSV	5°, 36%, 100%
XYZ	62.5097, 53.0662, 42.0777
YIQ	195.3180, 52.3110, 15.6310

Conversions

Conversions Part 2

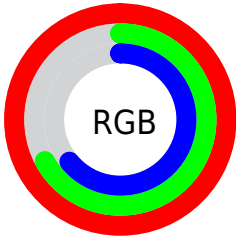
Format	Color
R _Y B	255, 172, 164
Decimal	16755620
CIE Lab	77.91, 30.01, 16.24
CIE LCh	78, 34.128, 28.420
Yxy	53.0662, 0.3965, 0.3366
Android (android.graphics.Color)	4294945700 (0xFFFFABA4)
YUV	195.3180, -15.4398, 52.3411
Hunter-Lab	72.8466, 25.6894, 16.7454

Details

The Yxy color **53.0662, 0.3965, 0.3366** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.2620, 0.2613, 0.3211**, and the grayscale version is **54.8422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3126, 0.3378, 0.3371**, and **25.8625, 0.4196, 0.3374** is the 20% darker color. If you saturate the color by 10%, you get **44.1185, 0.4327, 0.3387**, and if you desaturate by 10%, it is **63.7812, 0.3664, 0.3344**.

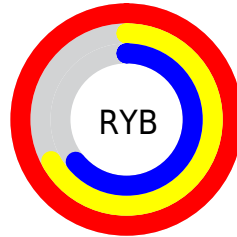
Distribution



Red (100%)

Green (67%)

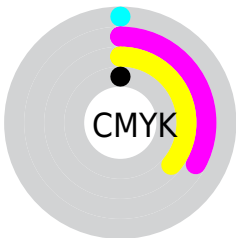
Blue (64%)



Red (100%)

Yellow (67%)

Blue (64%)

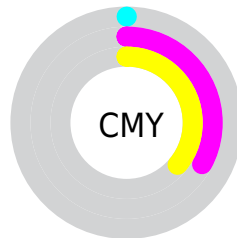


Cyan (0%)

Magenta (33%)

Yellow (36%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.0662, 0.3965, 0.3366 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 53.0662, 0.3965, 0.3366 by changing the saturation by 10% instead.

 53.0662, 0.3965,
0.3366


 53.0662, 0.3965,
0.3366

398.5391, 0.3551,
0.3342

 37.8556, 0.4066,
0.3368

 94.7018, 0.3816,
0.3360

 25.8707, 0.4195,
0.3369


 121.8956, 0.3760,
0.3357

 16.7269, 0.4363,
0.3366


153.8525, 0.3712,
0.3354

 10.0400, 0.4591,
0.3355

190.9571, 0.3670,
0.3351

 5.4255, 0.4918,
0.3327

233.5936, 0.3635,
0.3349

 2.4990, 0.5413,
0.3253

282.1465, 0.3603,

 0.8761, 0.6717,

0.3346

0.3283

337.0002, 0.3575,
0.3344

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.0662, 0.3965,
0.3366

53.0662, 0.3965,
0.3366

44.1185, 0.4327,
0.3387

63.7812, 0.3664,
0.3344

36.8451, 0.4748,
0.3402

76.3538, 0.3420,
0.3322

31.1411, 0.5208,
0.3409

90.8653, 0.3222,
0.3301

26.8907, 0.5662,
0.3402

100.0000, 0.3127,
0.3290

■ 23.9621, 0.6045,
0.3380

■ 22.1993, 0.6293,
0.3345

■ 21.7450, 0.6359,
0.3333

Harmonies

Analogous

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



53.0662, 0.3650, 0.3012



53.0662, 0.3965, 0.3366



53.0662, 0.4032, 0.3727

Triad

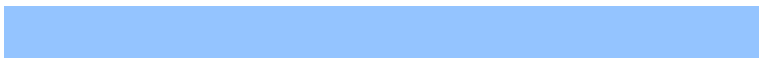
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.0662, 0.3965, 0.3366



53.0662, 0.3008, 0.3958



53.0662, 0.2435, 0.2580

Complementary

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



53.0662, 0.3965, 0.3366



82.2620, 0.2613, 0.3211

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.



53.0662, 0.2295, 0.2765



53.0662, 0.3965, 0.3366



53.0662, 0.2607, 0.3572

Square

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



53.0662, 0.3965, 0.3366



53.0662, 0.3460, 0.4117



53.0662, 0.2354, 0.3120



53.0662, 0.2754, 0.2575

Rectangle

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



53.0662, 0.3965, 0.3366



53.0662, 0.3930, 0.3931



53.0662, 0.2354, 0.3120



53.0662, 0.2367, 0.2621

Sweetspot

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



53.0655, 0.3965, 0.3366



82.8982, 0.3322, 0.3312



54.6526, 0.3217, 0.2455



17.3283, 0.3349, 0.3315



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.



53.0655, 0.3965, 0.3366



46.3476, 0.4224, 0.3381



72.8348, 0.3798, 0.3821



18.2107, 0.3293, 0.3309



11.4412, 0.6346, 0.3343



1.1878, 0.6227, 0.3438

Inverse Universe

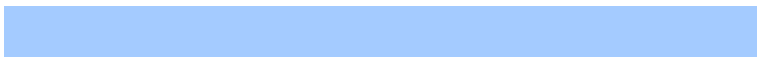
The Inverse Universe completely reimagines the original color for something new.



82.2620, 0.2613, 0.3211



79.5419, 0.2526, 0.3193



58.0359, 0.2541, 0.2690



20.2288, 0.2980, 0.3271



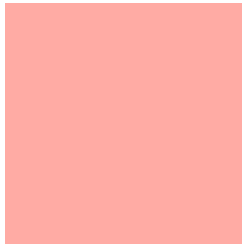
35.0510, 0.2180, 0.3048



3.4809, 0.2188, 0.3078

Previews

White Background



This preview shows how the Yxy color 53.0662, 0.3965, 0.3366 looks on a white background.

Color Contrast Check

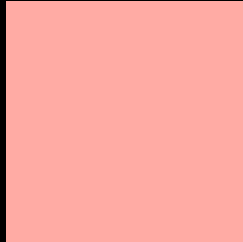
Large Text (above 18pt) WCAG AA × Fail

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 53.0662, 0.3965, 0.3366 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 53.0662, 0.3965, 0.3366

Background



This preview shows how black text looks on a background with the Yxy color 53.0662, 0.3965, 0.3366.



This preview shows how white text looks on a background with the Yxy color 53.0662, 0.3965, 0.3366.

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

53.0662, 0.3965, 0.3366

Protanopia

53.2119, 0.3333, 0.3500

Deuteranopia

53.3790, 0.3654, 0.3584



Tritanopia

52.9721, 0.3811, 0.3166

Trichromacy



Original Color

53.0662, 0.3965, 0.3366



Protanomaly

52.5934, 0.3556, 0.3444



Deuteranomaly

53.3185, 0.3768, 0.3506



Tritanomaly

53.1046, 0.3865, 0.3240

Monochromacy



Original Color

53.0662, 0.3965, 0.3366



Achromatopsia

54.5724, 0.3127, 0.3290



Achromatomaly

53.3302, 0.3407, 0.3314

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.0662, 0.3965, 0.3366 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, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 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, 171, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 164) }
```

Border

The CSS property to change the border of an element to Yxy 53.0662, 0.3965, 0.3366 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, 164) }
```

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

```
.border{ border-color:rgb(255, 171, 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, 171, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 53.0662, 0.3965, 0.3366 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, 164) }
```

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

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