

# Converting Colors

Yxy(53.8032, 0.4070, 0.3450)

Have a look what the booklet for  
Yxy(53.8032, 0.4070, 0.3450)  
contains.

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# Color

**Yxy(53.1653, 0.4036, 0.3461)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAC9C
RGB	255, 172, 156
RGB Percent	100%, 67%, 61%
CMY	0.0000, 0.3255, 0.3882
CMYK	0.00, 0.33, 0.39, 0.00
HSL	10°, 100%, 81%
HSV	10°, 39%, 100%
XYZ	61.9980, 53.1653, 38.4492
YIQ	194.9930, 54.6040, 12.6200

# Conversions

## Conversions Part 2

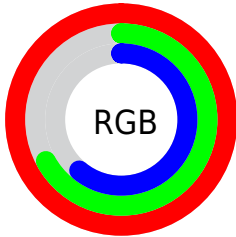
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 175, 156
Decimal	16755868
CIE <sub>Lab</sub>	77.97, 28.57, 20.66
CIE <sub>LCh</sub>	78, 35.259, 35.866
Yxy	53.1653, 0.4036, 0.3461
Android (android.graphics.Color)	4294945948 (0xFFFFAC9C)
YUV	194.9930, -19.2235, 52.6261
Hunter-Lab	72.9145, 24.1751, 19.7754

# Details

The Yxy color **53.1653, 0.4036, 0.3461** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **76.0268, 0.2560, 0.3108**, and the grayscale version is **54.6600, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4500, 0.3432, 0.3462**, and **25.9493, 0.4280, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **44.8956, 0.4392, 0.3502**, and if you desaturate by 10%, it is **62.9247, 0.3734, 0.3416**.

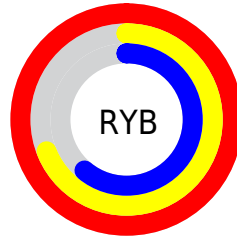
# Distribution



Red (100%)

Green (67%)

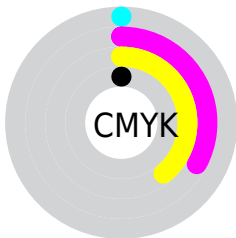
Blue (61%)



Red (100%)

Yellow (69%)

Blue (61%)

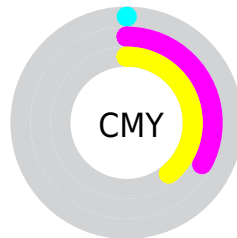


Cyan (0%)

Magenta (33%)

Yellow (39%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1653, 0.4036, 0.3461 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 53.1653, 0.4036, 0.3461 by changing the saturation by 10% instead.





 53.1653, 0.4036,  
0.3461


 53.1653, 0.4036,  
0.3461

398.9190, 0.3587,  
0.3394

 37.9347, 0.4145,  
0.3472


 94.8476, 0.3875,  
0.3441

 25.9320, 0.4284,  
0.3484


 122.0681, 0.3814,  
0.3432

 16.7728, 0.4464,  
0.3494


154.0540, 0.3762,  
0.3424

 10.0726, 0.4707,  
0.3499

191.1897, 0.3717,  
0.3417

 5.4471, 0.5051,  
0.3487

233.8597, 0.3678,  
0.3410

 2.5119, 0.5576,  
0.3436

282.4483, 0.3644,

 0.8826, 0.6641,

0.3404

0.3359

337.3400, 0.3614,  
0.3399

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.1653, 0.4036,  
0.3461

53.1653, 0.4036,  
0.3461

44.8956, 0.4392,  
0.3502

62.9247, 0.3734,  
0.3416

38.0430, 0.4798,  
0.3532

74.2439, 0.3483,  
0.3370

32.5266, 0.5231,  
0.3544

87.1868, 0.3278,  
0.3326

28.2581, 0.5653,  
0.3528

100.0000, 0.3127,  
0.3290

■ 25.1377, 0.6005,  
0.3482

■ 23.0467, 0.6243,  
0.3414

■ 22.8592, 0.6266,  
0.3407

# Harmonies

## Analogous

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



53.1653, 0.3767, 0.3089



53.1653, 0.4036, 0.3461



53.1653, 0.4035, 0.3823

# Triad

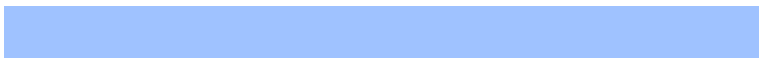
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.1653, 0.4036, 0.3461



53.1653, 0.2891, 0.3899



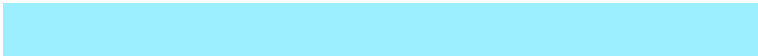
53.1653, 0.2480, 0.2541

# Complementary

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



53.1653, 0.4036, 0.3461



76.0268, 0.2560, 0.3108

# 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.



53.1653, 0.2287, 0.2683



53.1653, 0.4036, 0.3461



53.1653, 0.2509, 0.3463

# Square

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



53.1653, 0.4036, 0.3461



53.1653, 0.3356, 0.4131



53.1653, 0.2296, 0.3009



53.1653, 0.2847, 0.2580



# Rectangle

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



53.1653, 0.4036, 0.3461



53.1653, 0.3888, 0.4014



53.1653, 0.2296, 0.3009



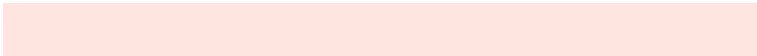
53.1653, 0.2394, 0.2567

# Sweetspot

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



53.1648, 0.4036, 0.3461



82.8922, 0.3339, 0.3340



51.3395, 0.3295, 0.2456



17.3751, 0.3365, 0.3346



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.



53.1648, 0.4036, 0.3461



46.2935, 0.4323, 0.3495



75.0321, 0.3837, 0.3948



18.4608, 0.3290, 0.3329



12.0833, 0.6244, 0.3424

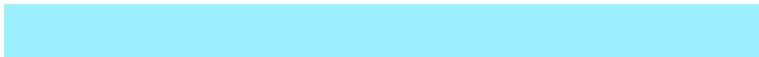


1.3052, 0.6054, 0.3575



# Inverse Universe

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



76.0268, 0.2560, 0.3108



72.1670, 0.2460, 0.3063



51.3997, 0.2471, 0.2525



19.9523, 0.2980, 0.3251



29.0378, 0.2102, 0.2766



2.9549, 0.2120, 0.2832



# Previews

## White Background



This preview shows how the Yxy color 53.1653, 0.4036, 0.3461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

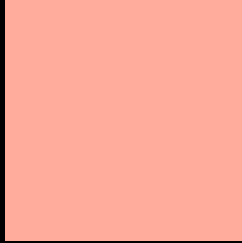
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1653, 0.4036, 0.3461 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 53.1653, 0.4036, 0.3461**

## Background



This preview shows how black text looks on a background with the Yxy color 53.1653, 0.4036, 0.3461.



This preview shows how white text looks on a background with the Yxy color 53.1653, 0.4036, 0.3461.

# 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

53.1653, 0.4036, 0.3461

### Protanopia

53.5896, 0.3419, 0.3623

### Deuteranopia

53.4253, 0.3739, 0.3675



## Tritanopia

53.0133, 0.3802, 0.3155

# Trichromacy



**Original Color**

53.1653, 0.4036, 0.3461

**Protanomaly**

52.8362, 0.3639, 0.3561

**Deuteranomaly**

53.2137, 0.3848, 0.3595

**Tritanomaly**

53.0266, 0.3884, 0.3261

# Monochromacy



**Original Color**

53.1653, 0.4036, 0.3461

**Achromatopsia**

54.5724, 0.3127, 0.3290

**Achromatomaly**

53.6286, 0.3430, 0.3361

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1653, 0.4036, 0.3461 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, 172, 156)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 156)  
}
```

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, 172, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 156) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1653, 0.4036, 0.3461 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, 172, 156) }
```

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

```
.border{ border-color:rgb(255, 172, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 172, 156); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 172, 156); box-shadow:4px 4px 4px 4px rgb(255, 172, 156) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1653, 0.4036, 0.3461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 156) }
```

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

```
.background{ background-color: rgb(255,  
172, 156) }
```

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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