

Converting Colors

$Yxy(72.1711, 0.4642, 0.3404)$

Have a look what the booklet for
Yxy(72.1711, 0.4642, 0.3404)
contains.

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Color

Yxy(53.6503, 0.4004, 0.3440)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD9F
RGB	255, 173, 159
RGB Percent	100%, 68%, 62%
CMY	0.0000, 0.3216, 0.3765
CMYK	0.00, 0.32, 0.38, 0.00
HSL	9°, 100%, 81%
HSV	9°, 38%, 100%
XYZ	62.4465, 53.6503, 39.8634
YIQ	195.9220, 53.3660, 13.0300

Conversions

Conversions Part 2

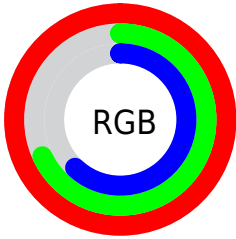
Format	Color
R _Y B	255, 175, 159
Decimal	16756127
CIE Lab	78.26, 28.39, 19.44
CIE LCh	78, 34.404, 34.398
Yxy	53.6503, 0.4004, 0.3440
Android (android.graphics.Color)	4294946207 (0xFFFFAD9F)
YUV	195.9220, -18.2025, 51.8114
Hunter-Lab	73.2464, 23.9997, 19.0046

Details

The Yxy color **53.6503, 0.4004, 0.3440** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **77.5013, 0.2578, 0.3131**, and the grayscale version is **55.2379, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1537, 0.3409, 0.3441**, and **26.2514, 0.4235, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **45.1701, 0.4358, 0.3478**, and if you desaturate by 10%, it is **63.6728, 0.3705, 0.3399**.

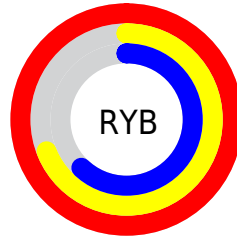
Distribution



Red (100%)

Green (68%)

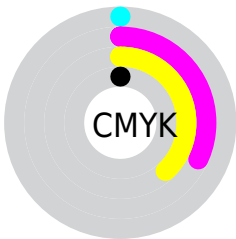
Blue (62%)



Red (100%)

Yellow (69%)

Blue (62%)

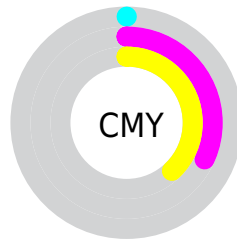


Cyan (0%)

Magenta (32%)

Yellow (38%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6503, 0.4004, 0.3440 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 53.6503, 0.4004, 0.3440 by changing the saturation by 10% instead.


 53.6503, 0.4004,
0.3440


 53.6503, 0.4004,
0.3440


400.7751, 0.3571,
0.3382

 38.3222, 0.4109,
0.3450


 95.5606, 0.3849,
0.3423

 26.2328, 0.4243,
0.3459

 122.9115, 0.3790,
0.3415

 16.9979, 0.4416,
0.3467


155.0389, 0.3740,
0.3408

 10.2330, 0.4651,
0.3470

192.3270, 0.3697,
0.3402

 5.5537, 0.4983,
0.3458

235.1602, 0.3659,
0.3396

 2.5757, 0.5483,
0.3404

283.9231, 0.3626,

 0.9144, 0.6615,

0.3391

0.3385

338.9999, 0.3597,
0.3386

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6503, 0.4004,
0.3440

53.6503, 0.4004,
0.3440

45.1701, 0.4358,
0.3478

63.6728, 0.3705,
0.3399

38.1580, 0.4765,
0.3506

75.3123, 0.3458,
0.3358

32.5290, 0.5203,
0.3518

88.6351, 0.3256,
0.3318

28.1906, 0.5633,
0.3506

100.0000, 0.3127,
0.3290

■ 25.0386, 0.5997,
0.3465

■ 22.9511, 0.6244,
0.3403

■ 22.5948, 0.6287,
0.3390

Harmonies

Analogous

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



53.6503, 0.3731, 0.3078



53.6503, 0.4004, 0.3440



53.6503, 0.4017, 0.3795

Triad

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



53.6503, 0.4004, 0.3440



53.6503, 0.2919, 0.3898



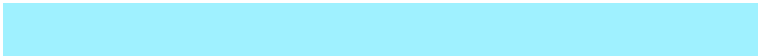
53.6503, 0.2483, 0.2562

Complementary

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



53.6503, 0.4004, 0.3440



77.5013, 0.2578, 0.3131

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.



53.6503, 0.2304, 0.2711



53.6503, 0.4004, 0.3440



53.6503, 0.2540, 0.3482

Square

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



53.6503, 0.4004, 0.3440



53.6503, 0.3373, 0.4111



53.6503, 0.2323, 0.3037



53.6503, 0.2834, 0.2592

Rectangle

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



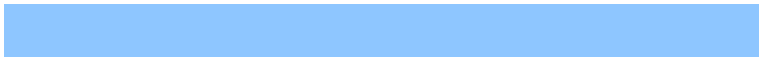
53.6503, 0.4004, 0.3440



53.6503, 0.3882, 0.3985



53.6503, 0.2323, 0.3037



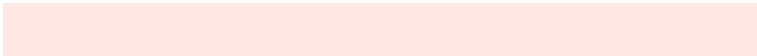
53.6503, 0.2402, 0.2591

Sweetspot

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



53.6493, 0.4004, 0.3440



83.9778, 0.3320, 0.3331



52.4783, 0.3275, 0.2466



17.5833, 0.3346, 0.3336



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.



53.6493, 0.4004, 0.3440



47.2693, 0.4259, 0.3468



74.8441, 0.3818, 0.3913



18.4143, 0.3291, 0.3325



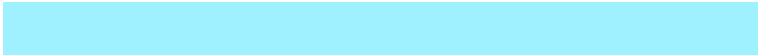
11.9341, 0.6267, 0.3406



1.2834, 0.6084, 0.3551

Inverse Universe

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



77.5013, 0.2578, 0.3131



74.1213, 0.2487, 0.3095



53.2627, 0.2495, 0.2572



20.0033, 0.2980, 0.3254



30.0951, 0.2117, 0.2819



3.0481, 0.2133, 0.2878

Previews

White Background



This preview shows how the Yxy color 53.6503, 0.4004, 0.3440 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 53.6503, 0.4004, 0.3440 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 53.6503, 0.4004, 0.3440

Background



This preview shows how black text looks on a background with the Yxy color 53.6503, 0.4004, 0.3440.



This preview shows how white text looks on a background with the Yxy color 53.6503, 0.4004, 0.3440.

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

53.6503, 0.4004, 0.3440

Protanopia

53.7010, 0.3396, 0.3585

Deuteranopia

53.7209, 0.3714, 0.3627



Tritanopia

53.8047, 0.3786, 0.3166

Trichromacy



Original Color

53.6503, 0.4004, 0.3440

Protanomaly

53.3640, 0.3611, 0.3537

Deuteranomaly

53.5209, 0.3821, 0.3550

Tritanomaly

53.8210, 0.3867, 0.3271

Monochromacy



Original Color

53.6503, 0.4004, 0.3440

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

54.1371, 0.3412, 0.3350

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6503, 0.4004, 0.3440 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, 173, 159)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 159)  
}
```

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, 173, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 159) }
```

Border

The CSS property to change the border of an element to Yxy 53.6503, 0.4004, 0.3440 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, 173, 159) }
```

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

```
.border{ border-color:rgb(255, 173, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 159);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6503, 0.4004, 0.3440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 159) }
```

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

```
.background{ background-color: rgb(255,  
173, 159) }
```

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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