

Converting Colors

$Y_{xy}(56.1719, 0.4258, 0.3570)$

Have a look what the booklet for
Yxy(56.1719, 0.4258, 0.3570)
contains.

Yxy(53.1915, 0.4133, 0.3586)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(53.1915, 0.4133, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FFAD91
RGB	255, 173, 145
RGB Percent	100%, 68%, 57%
CMY	0.0000, 0.3216, 0.4313
CMYK	0.00, 0.32, 0.43, 0.00
HSL	15°, 100%, 78%
HSV	15°, 43%, 100%
XYZ	61.3052, 53.1915, 33.8343
YIQ	194.3260, 57.8600, 8.6760

Conversions

Conversions Part 2

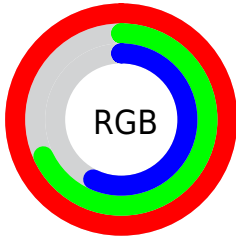
Format	Color
R _Y B	255, 183, 145
Decimal	16756113
CIE Lab	77.99, 26.89, 26.58
CIE LCh	78, 37.808, 44.675
Yxy	53.1915, 0.4133, 0.3586
Android (android.graphics.Color)	4294946193 (0xFFFFAD91)
YUV	194.3260, -24.3177, 53.2111
Hunter-Lab	72.9325, 22.4107, 23.5474

Details

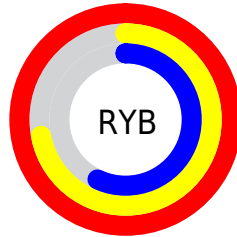
The Yxy color **53.1915, 0.4133, 0.3586** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **68.2018, 0.2486, 0.2963**, and the grayscale version is **54.2696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4221, 0.3512, 0.3594**, and **25.9769, 0.4411, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **45.7064, 0.4480, 0.3647**, and if you desaturate by 10%, it is **61.8836, 0.3830, 0.3517**.

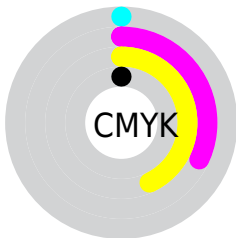
Distribution



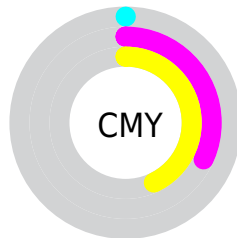
- Red (100%)
- Green (68%)
- Blue (57%)



- Red (100%)
- Yellow (72%)
- Blue (57%)



- Cyan (0%)
- Magenta (32%)
- Yellow (43%)
- Black (0%)





- Cyan (0%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.1915, 0.4133, 0.3586 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 53.1915, 0.4133, 0.3586 by changing the saturation by 10% instead.


 53.1915, 0.4133,
0.3586


 53.1915, 0.4133,
0.3586


399.0194, 0.3637,
0.3463

 37.9557, 0.4253,
0.3609


 94.8861, 0.3956,
0.3547

 25.9483, 0.4403,
0.3634


 122.1137, 0.3888,
0.3531

 16.7850, 0.4598,
0.3660


154.1072, 0.3831,
0.3516

 10.0813, 0.4857,
0.3681

191.2512, 0.3781,
0.3503

 5.4529, 0.5215,
0.3686

233.9301, 0.3738,
0.3491

 2.5154, 0.5838,
0.3705

282.5281, 0.3701,

 0.8843, 0.6553,

0.3481

337.4297, 0.3667,
0.3471

0.3447

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.1915, 0.4133,
0.3586

53.1915, 0.4133,
0.3586

45.7064, 0.4480,
0.3647

61.8836, 0.3830,
0.3517

39.3840, 0.4863,
0.3689

71.8458, 0.3573,
0.3445

34.1604, 0.5259,
0.3702

83.1232, 0.3357,
0.3375

29.9696, 0.5633,
0.3674

95.7620, 0.3177,
0.3310

■ 26.7375, 0.5939,
0.3604

100.0000, 0.3127,
0.3290

■ 25.0216, 0.6099,
0.3539

Harmonies

Analogous

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



53.1915, 0.3925, 0.3186



53.1915, 0.4133, 0.3586



53.1915, 0.4043, 0.3954

Triad

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



53.1915, 0.4133, 0.3586



53.1915, 0.2738, 0.3823



53.1915, 0.2533, 0.2485

Complementary

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



53.1915, 0.4133, 0.3586



68.2018, 0.2486, 0.2963

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.



53.1915, 0.2271, 0.2575



53.1915, 0.4133, 0.3586



53.1915, 0.2378, 0.3323

Square

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



53.1915, 0.4133, 0.3586



53.1915, 0.3221, 0.4154



53.1915, 0.2216, 0.2865



53.1915, 0.2967, 0.2580

Rectangle

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



53.1915, 0.4133, 0.3586



53.1915, 0.3837, 0.4130



53.1915, 0.2216, 0.2865



53.1915, 0.2424, 0.2493

Sweetspot

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



53.1877, 0.4133, 0.3586



83.2746, 0.3355, 0.3375



47.0932, 0.3418, 0.2464



17.2659, 0.3399, 0.3390



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.



53.1877, 0.4133, 0.3586



46.4903, 0.4439, 0.3640



78.5210, 0.3882, 0.4121



18.7375, 0.3288, 0.3351



13.2743, 0.6071, 0.3561



1.4584, 0.5854, 0.3734

Inverse Universe

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



68.2018, 0.2486, 0.2963



63.2509, 0.2373, 0.2883



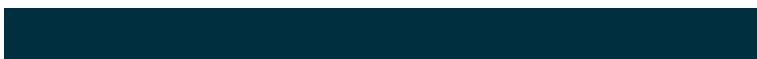
42.9457, 0.2371, 0.2283



19.6534, 0.2980, 0.3228



23.3049, 0.2012, 0.2442



2.4439, 0.2042, 0.2550

Previews

White Background



This preview shows how the Yxy color 53.1915, 0.4133, 0.3586 looks on a white background.

Color Contrast Check

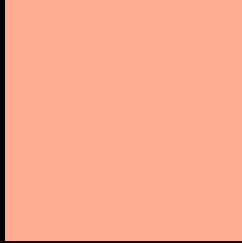
Large Text (above 18pt) WCAG AA × Fail

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 53.1915, 0.4133, 0.3586 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 53.1915, 0.4133, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 53.1915, 0.4133, 0.3586.



This preview shows how white text looks on a background with the Yxy color 53.1915, 0.4133, 0.3586.

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

53.1915, 0.4133, 0.3586

Protanopia

53.4522, 0.3532, 0.3770

Deuteranopia

53.1751, 0.3855, 0.3775



Tritanopia

53.3456, 0.3808, 0.3176

Trichromacy



Original Color

53.1915, 0.4133, 0.3586



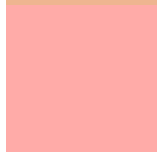
Protanomaly

53.0402, 0.3739, 0.3701



Deuteranomaly

53.2385, 0.3953, 0.3704



Tritanomaly

53.2130, 0.3927, 0.3324

Monochromacy



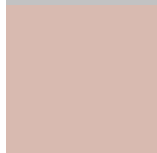
Original Color

53.1915, 0.4133, 0.3586



Achromatopsia

53.9479, 0.3127, 0.3290



Achromatomaly

52.8513, 0.3465, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.1915, 0.4133, 0.3586 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, 145)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 145)  
}
```

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, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 145) }
```

Border

The CSS property to change the border of an element to Yxy 53.1915, 0.4133, 0.3586 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, 145) }
```

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

```
.border{ border-color:rgb(255, 173, 145) }
```

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, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 53.1915, 0.4133, 0.3586 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, 145) }
```

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

```
.background{ background-color: rgb(255,  
173, 145) }
```

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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