

Converting Colors

Yxy(53.3728, 0.4172, 0.3644)

Have a look what the booklet for
Yxy(53.3728, 0.4172, 0.3644)
contains.

Yxy(53.4256, 0.4173, 0.3648)	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(53.4256, 0.4173, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	FFAE8C
RGB	255, 174, 140
RGB Percent	100%, 68%, 55%
CMY	0.0000, 0.3176, 0.4509
CMYK	0.00, 0.32, 0.45, 0.00
HSL	18°, 100%, 77%
HSV	18°, 45%, 100%
XYZ	61.1143, 53.4256, 31.9118
YIQ	194.3430, 59.1900, 6.5980

Conversions

Conversions Part 2

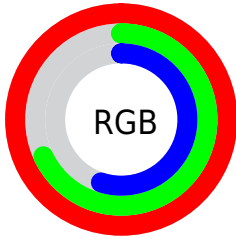
Format	Color
R _Y B	255, 188, 140
Decimal	16756364
CIE Lab	78.13, 25.84, 29.44
CIE LCh	78, 39.171, 48.718
Yxy	53.4256, 0.4173, 0.3648
Android (android.graphics.Color)	4294946444 (0xFFFFAE8C)
YUV	194.3430, -26.7911, 53.1962
Hunter-Lab	73.0928, 21.3349, 25.2794

Details

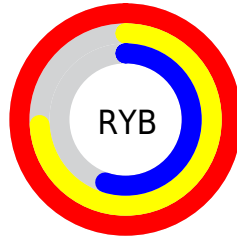
The Yxy color **53.4256, 0.4173, 0.3648** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **64.5252, 0.2450, 0.2888**, and the grayscale version is **54.2988, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7487, 0.3544, 0.3655**, and **26.1487, 0.4451, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **46.2753, 0.4513, 0.3716**, and if you desaturate by 10%, it is **61.6796, 0.3872, 0.3569**.

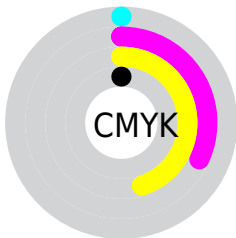
Distribution



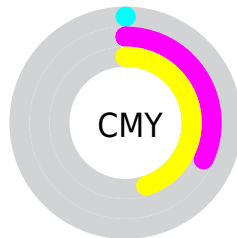
- Red (100%)
- Green (68%)
- Blue (55%)



- Red (100%)
- Yellow (74%)
- Blue (55%)



- Cyan (0%)
- Magenta (32%)
- Yellow (45%)
- Black (0%)




- Cyan (0%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 53.4256, 0.4173, 0.3648 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 53.4256, 0.4173, 0.3648 by changing the saturation by 10% instead.


 53.4256, 0.4173,
0.3648


 53.4256, 0.4173,
0.3648


399.9158, 0.3659,
0.3497


 38.1426, 0.4296,
0.3677


 95.2303, 0.3990,
0.3600

 26.0934, 0.4451,
0.3708


 122.5209, 0.3920,
0.3580

 16.8935, 0.4649,
0.3741


 154.5828, 0.3860,
0.3562

 10.1586, 0.4912,
0.3771

191.8004, 0.3809,
0.3546

 5.5042, 0.5269,
0.3782

234.5581, 0.3764,
0.3532

 2.5461, 0.5954,
0.3854

283.2403, 0.3725,

 0.8996, 0.6491,

0.3519

0.3509

338.2314, 0.3690,
0.3508

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.4256, 0.4173,
0.3648

53.4256, 0.4173,
0.3648

46.2753, 0.4513,
0.3716

61.6796, 0.3872,
0.3569

40.1785, 0.4883,
0.3763

71.0813, 0.3613,
0.3486

35.0827, 0.5259,
0.3775

81.6742, 0.3394,
0.3405

30.9301, 0.5609,
0.3742

93.4989, 0.3209,
0.3327

■ 27.6554, 0.5893,
0.3663

100.0000, 0.3127,
0.3290

■ 26.3395, 0.6006,
0.3613

Harmonies

Analogous

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



53.4256, 0.3998, 0.3236



53.4256, 0.4173, 0.3648



53.4256, 0.4038, 0.4017

Triad

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



53.4256, 0.4173, 0.3648



53.4256, 0.2664, 0.3778



53.4256, 0.2565, 0.2463

Complementary

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



53.4256, 0.4173, 0.3648



64.5252, 0.2450, 0.2888

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.



53.4256, 0.2268, 0.2527



53.4256, 0.4173, 0.3648



53.4256, 0.2318, 0.3252

Square

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



53.4256, 0.4173, 0.3648



53.4256, 0.3152, 0.4157



53.4256, 0.2182, 0.2797



53.4256, 0.3031, 0.2585

Rectangle

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



53.4256, 0.4173, 0.3648



53.4256, 0.3805, 0.4184



53.4256, 0.2182, 0.2797



53.4256, 0.2444, 0.2462

Sweetspot

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



53.4261, 0.4173, 0.3648



82.8997, 0.3372, 0.3396



45.3207, 0.3471, 0.2463



17.2266, 0.3416, 0.3413



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.



53.4261, 0.4173, 0.3648



47.0010, 0.4475, 0.3710



79.7975, 0.3902, 0.4191



18.8616, 0.3287, 0.3361



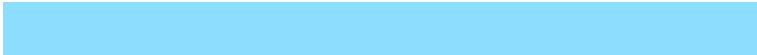
13.9869, 0.5977, 0.3636



1.5419, 0.5756, 0.3812

Inverse Universe

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



64.5252, 0.2450, 0.2888



59.2740, 0.2334, 0.2792



39.6856, 0.2324, 0.2180



19.5217, 0.2980, 0.3218



21.0278, 0.1971, 0.2295



2.2375, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 53.4256, 0.4173, 0.3648 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 53.4256, 0.4173, 0.3648 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 53.4256, 0.4173, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 53.4256, 0.4173, 0.3648.



This preview shows how white text looks on a background with the Yxy color 53.4256, 0.4173, 0.3648.

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

53.4256, 0.4173, 0.3648

Protanopia

53.5753, 0.3589, 0.3829

Deuteranopia

53.3559, 0.3915, 0.3828



Tritanopia

53.3868, 0.3799, 0.3166

Trichromacy



Original Color

53.4256, 0.4173, 0.3648

Protanomaly

53.0404, 0.3790, 0.3758

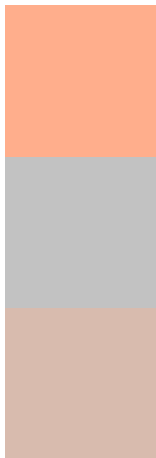
Deuteranomaly

53.2625, 0.4005, 0.3757

Tritanomaly

53.1758, 0.3937, 0.3335

Monochromacy



Original Color

53.4256, 0.4173, 0.3648

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

53.1956, 0.3480, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.4256, 0.4173, 0.3648 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, 174, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 140)  
}
```

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, 174, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 140) }
```

Border

The CSS property to change the border of an element to Yxy 53.4256, 0.4173, 0.3648 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, 174, 140) }
```

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

```
.border{ border-color:rgb(255, 174, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 53.4256, 0.4173, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 140) }
```

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

```
.background{ background-color: rgb(255,  
174, 140) }
```

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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