

# Converting Colors

Yxy(56.6681, 0.4394, 0.3466)

Have a look what the booklet for  
Yxy(56.6681, 0.4394, 0.3466)  
contains.

<b>Yxy(50.6706, 0.4138, 0.3482)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**Yxy(50.6706, 0.4138, 0.3482)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA694
RGB	255, 166, 148
RGB Percent	100%, 65%, 58%
CMY	0.0001, 0.3490, 0.4195
CMYK	0.00, 0.35, 0.42, 0.00
HSL	10°, 100%, 79%
HSV	10°, 42%, 100%
XYZ	60.2168, 50.6706, 34.6341
YIQ	190.5590, 58.8220, 13.2700

# Conversions

## Conversions Part 2

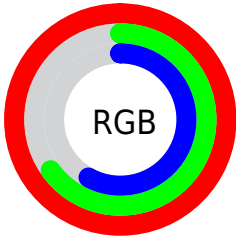
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 170, 148
Decimal	16754324
CIE Lab	76.48, 30.82, 22.92
CIE LCh	76, 38.407, 36.642
Yxy	50.6706, 0.4138, 0.3482
Android (android.graphics.Color)	4294944404 (0xFFFFA694)
YUV	190.5590, -20.9816, 56.5148
Hunter-Lab	71.1833, 26.4296, 20.9808

# Details

The Yxy color **50.6706, 0.4138, 0.3482** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **74.0775, 0.2519, 0.3082**, and the grayscale version is **51.9325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7668, 0.3506, 0.3494**, and **24.4091, 0.4427, 0.3505** is the 20% darker color. If you saturate the color by 10%, you get **42.8661, 0.4509, 0.3522**, and if you desaturate by 10%, it is **59.9295, 0.3821, 0.3436**.

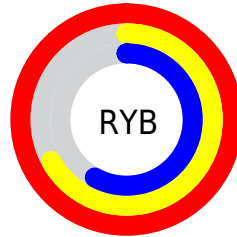
# Distribution



Red (100%)

Green (65%)

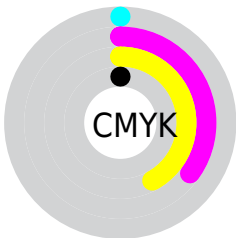
Blue (58%)



Red (100%)

Yellow (67%)

Blue (58%)

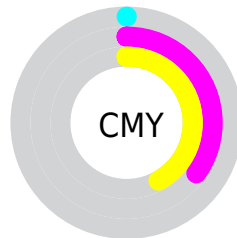


Cyan (0%)

Magenta (35%)

Yellow (42%)

Black (0%)



Cyan (0%)

Magenta (35%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 50.6706, 0.4138, 0.3482 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 50.6706, 0.4138, 0.3482 by changing the saturation by 10% instead.





 50.6706, 0.4138,  
0.3482


 50.6706, 0.4138,  
0.3482


389.2826, 0.3635,  
0.3408

 35.9465, 0.4261,  
0.3494


 91.1677, 0.3957,  
0.3460

 24.3929, 0.4417,  
0.3505


 117.7095, 0.3888,  
0.3450

 15.6253, 0.4621,  
0.3513


148.9593, 0.3830,  
0.3442

 9.2594, 0.4896,  
0.3512

185.3015, 0.3780,  
0.3434

 4.9108, 0.5283,  
0.3486

227.1206, 0.3736,  
0.3426

 2.1950, 0.5951,  
0.3447

274.8009, 0.3698,

 0.7173, 0.6883,

0.3420

0.3117

328.7268, 0.3665,  
0.3413

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

50.6706, 0.4138,  
0.3482

50.6706, 0.4138,  
0.3482

42.8661, 0.4509,  
0.3522

59.9295, 0.3821,  
0.3436

36.4343, 0.4923,  
0.3549

70.7039, 0.3556,  
0.3388

31.2971, 0.5356,  
0.3553

83.0607, 0.3337,  
0.3342

27.3651, 0.5761,  
0.3528

97.0605, 0.3158,  
0.3298

■ 24.5370, 0.6081,  
0.3472

99.9956, 0.3127,  
0.3290

■ 22.9753, 0.6256,  
0.3415

# Harmonies

## Analogous

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



50.6706, 0.3846, 0.3076



50.6706, 0.4138, 0.3482



50.6706, 0.4126, 0.3879

# Triad

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



50.6706, 0.4138, 0.3482



50.6706, 0.2850, 0.3959



50.6706, 0.2423, 0.2466

# Complementary

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



50.6706, 0.4138, 0.3482



74.0775, 0.2519, 0.3082

# 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.



50.6706, 0.2209, 0.2612



50.6706, 0.4138, 0.3482



50.6706, 0.2436, 0.3466

# Square

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



50.6706, 0.4138, 0.3482



50.6706, 0.3361, 0.4224



50.6706, 0.2212, 0.2962



50.6706, 0.2828, 0.2516



# Rectangle

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



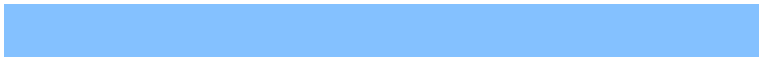
50.6706, 0.4138, 0.3482



50.6706, 0.3956, 0.4092



50.6706, 0.2212, 0.2962



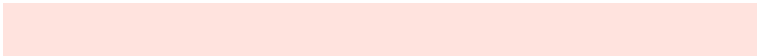
50.6706, 0.2329, 0.2492

# Sweetspot

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



50.6731, 0.4138, 0.3482



81.6975, 0.3358, 0.3346



48.5671, 0.3327, 0.2407



16.8811, 0.3404, 0.3356



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.



50.6731, 0.4138, 0.3482



44.2835, 0.4433, 0.3515



74.2282, 0.3896, 0.4017



18.4806, 0.3290, 0.3331



12.1510, 0.6234, 0.3432

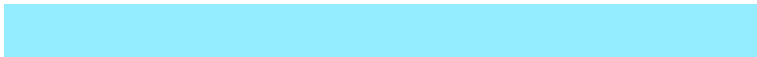


1.3147, 0.6040, 0.3586



# Inverse Universe

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



74.0775, 0.2519, 0.3082



70.3620, 0.2424, 0.3036



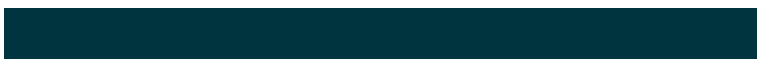
47.6637, 0.2412, 0.2428



19.9306, 0.2980, 0.3249



28.5963, 0.2095, 0.2743



2.9160, 0.2115, 0.2812



# Previews

## White Background



This preview shows how the Yxy color 50.6706, 0.4138, 0.3482 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 50.6706, 0.4138, 0.3482 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 50.6706, 0.4138, 0.3482**

## Background



This preview shows how black text looks on a background with the Yxy color 50.6706, 0.4138, 0.3482.



This preview shows how white text looks on a background with the Yxy color 50.6706, 0.4138, 0.3482.

# 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

50.6706, 0.4138, 0.3482

### Protanopia

51.0405, 0.3450, 0.3667

### Deuteranopia

50.6217, 0.3800, 0.3716



## Tritanopia

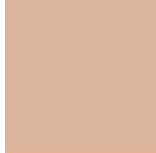
50.5495, 0.3888, 0.3166

# Trichromacy



## Original Color

50.6706, 0.4138, 0.3482



## Protanomaly

50.4744, 0.3685, 0.3601



## Deuteranomaly

50.6184, 0.3921, 0.3633



## Tritanomaly

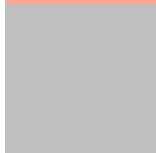
50.5275, 0.3982, 0.3282

# Monochromacy



## Original Color

50.6706, 0.4138, 0.3482



## Achromatopsia

52.0996, 0.3127, 0.3290



## Achromatomaly

50.8472, 0.3464, 0.3375

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 50.6706, 0.4138, 0.3482 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, 166, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 166, 148)  
}
```

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, 166, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 166, 148) }
```

## Border

The CSS property to change the border of an element to Yxy 50.6706, 0.4138, 0.3482 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, 166, 148) }
```

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

```
.border{ border-color:rgb(255, 166, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 166, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 166, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 166, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 166,  
148) }
```



# Background

The CSS property to change the background color of an element to Yxy 50.6706, 0.4138, 0.3482 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 166, 148) }
```

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

```
.background{ background-color: rgb(255,  
166, 148) }
```

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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