

# Converting Colors

Yxy(54.6409, 0.4135, 0.3660)

Have a look what the booklet for  
Yxy(54.6409, 0.4135, 0.3660)  
contains.

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# Color

**Yxy(54.6573, 0.4140, 0.3659)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFB18E
RGB	255, 177, 142
RGB Percent	100%, 69%, 56%
CMY	0.0000, 0.3058, 0.4432
CMYK	0.00, 0.31, 0.44, 0.00
HSL	19°, 100%, 78%
HSV	19°, 44%, 100%
XYZ	61.8424, 54.6573, 32.8780
YIQ	196.3320, 57.7230, 5.6510

# Conversions

## Conversions Part 2

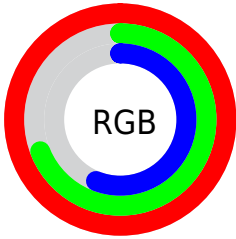
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 193, 142
Decimal	16757134
CIE Lab	78.84, 24.46, 29.35
CIE LCh	79, 38.201, 50.193
Yxy	54.6573, 0.4140, 0.3659
Android (android.graphics.Color)	4294947214 (0xFFFFB18E)
YUV	196.3320, -26.7857, 51.4518
Hunter-Lab	73.9306, 19.9354, 25.3843

# Details

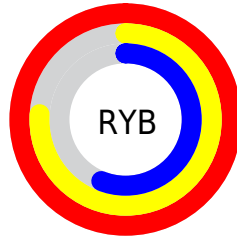
The Yxy color **54.6573, 0.4140, 0.3659** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **64.1431, 0.2457, 0.2876**, and the grayscale version is **55.5509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5233, 0.3524, 0.3664**, and **26.9064, 0.4414, 0.3728** is the 20% darker color. If you saturate the color by 10%, you get **47.4699, 0.4472, 0.3732**, and if you desaturate by 10%, it is **62.9217, 0.3846, 0.3575**.

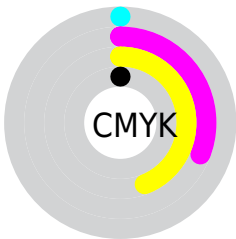
# Distribution



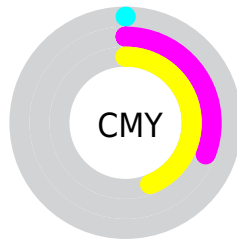
- Red (100%)
- Green (69%)
- Blue (56%)



- Red (100%)
- Yellow (76%)
- Blue (56%)



- Cyan (0%)
- Magenta (31%)
- Yellow (44%)
- Black (0%)




- Cyan (0%)
- Magenta (31%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.6573, 0.4140, 0.3659 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 54.6573, 0.4140, 0.3659 by changing the saturation by 10% instead.





 54.6573, 0.4140,  
0.3659


 54.6573, 0.4140,  
0.3659

404.6116, 0.3644,  
0.3502

 39.1274, 0.4258,  
0.3690


 97.0387, 0.3963,  
0.3608

 26.8589, 0.4407,  
0.3724

 124.6589, 0.3896,  
0.3587

 17.4673, 0.4597,  
0.3761


157.0781, 0.3839,  
0.3569

 10.5682, 0.4848,  
0.3796

194.6806, 0.3789,  
0.3553

 5.7773, 0.5189,  
0.3818

237.8508, 0.3746,  
0.3538

 2.7101, 0.5803,  
0.3883

286.9731, 0.3708,

 0.9823, 0.6379,

0.3525

0.3621

342.4319, 0.3674,  
0.3513

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.6573, 0.4140,  
0.3659

54.6573, 0.4140,  
0.3659

47.4699, 0.4472,  
0.3732

62.9217, 0.3846,  
0.3575

41.3053, 0.4834,  
0.3784

72.2982, 0.3593,  
0.3489

36.1163, 0.5204,  
0.3802

82.8302, 0.3378,  
0.3404

31.8485, 0.5551,  
0.3775

94.5561, 0.3196,  
0.3323

■ 28.4406, 0.5839,  
0.3699

99.9988, 0.3127,  
0.3290

■ 26.8537, 0.5971,  
0.3641

# Harmonies

## Analogous

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



54.6573, 0.3985, 0.3258



54.6573, 0.4140, 0.3659



54.6573, 0.3997, 0.4011

# Triad

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



54.6573, 0.4140, 0.3659



54.6573, 0.2659, 0.3738



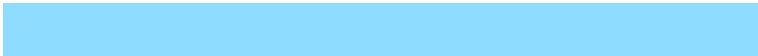
54.6573, 0.2601, 0.2488

# Complementary

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



54.6573, 0.4140, 0.3659



64.1431, 0.2457, 0.2876

# 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.



54.6573, 0.2303, 0.2543



54.6573, 0.4140, 0.3659



54.6573, 0.2331, 0.3230

# Square

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



54.6573, 0.4140, 0.3659



54.6573, 0.3128, 0.4115



54.6573, 0.2209, 0.2796



54.6573, 0.3060, 0.2615



# Rectangle

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



54.6573, 0.4140, 0.3659



54.6573, 0.3765, 0.4164



54.6573, 0.2209, 0.2796



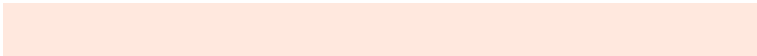
54.6573, 0.2481, 0.2485

# Sweetspot

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



54.6600, 0.4140, 0.3659



84.3083, 0.3352, 0.3393



45.8279, 0.3482, 0.2494



17.5188, 0.3396, 0.3411



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.



54.6600, 0.4140, 0.3659



48.3587, 0.4427, 0.3723



81.1464, 0.3880, 0.4193



18.9052, 0.3287, 0.3364



14.2642, 0.5941, 0.3665

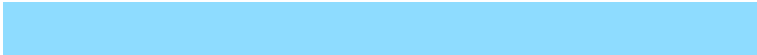


1.5734, 0.5721, 0.3840

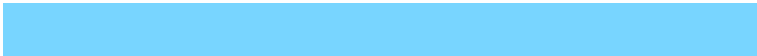


# Inverse Universe

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



64.1431, 0.2457, 0.2876



58.8503, 0.2342, 0.2779



39.7332, 0.2335, 0.2179



19.4758, 0.2980, 0.3215



20.2706, 0.1957, 0.2243



2.1683, 0.1994, 0.2377



# Previews

## White Background



This preview shows how the Yxy color 54.6573, 0.4140, 0.3659 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

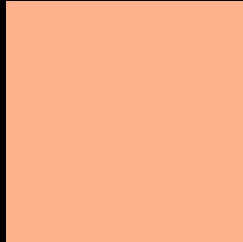
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.6573, 0.4140, 0.3659 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

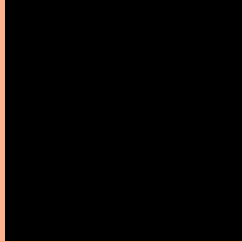
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.6573, 0.4140, 0.3659**

## Background



This preview shows how black text looks on a background with the Yxy color 54.6573, 0.4140, 0.3659.



This preview shows how white text looks on a background with the Yxy color 54.6573, 0.4140, 0.3659.

# 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

54.6573, 0.4140, 0.3659

### Protanopia

54.7875, 0.3593, 0.3836

### Deuteranopia

54.5899, 0.3907, 0.3823



## Tritanopia

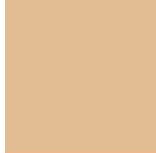
54.6499, 0.3762, 0.3166

# Trichromacy



## Original Color

54.6573, 0.4140, 0.3659



## Protanomaly

54.2418, 0.3791, 0.3765



## Deuteranomaly

54.3153, 0.3988, 0.3755



## Tritanomaly

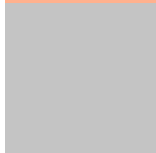
54.3967, 0.3907, 0.3345

# Monochromacy



## Original Color

54.6573, 0.4140, 0.3659



## Achromatopsia

55.2011, 0.3127, 0.3290



## Achromatomaly

54.2815, 0.3468, 0.3444

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.6573, 0.4140, 0.3659 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, 177, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 142)  
}
```

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, 177, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 142) }
```

## Border

The CSS property to change the border of an element to Yxy 54.6573, 0.4140, 0.3659 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, 177, 142) }
```

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

```
.border{ border-color:rgb(255, 177, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 177, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 177, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 177,  
142) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.6573, 0.4140, 0.3659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 142) }
```

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

```
.background{ background-color: rgb(255,  
177, 142) }
```

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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