

# Converting Colors

$Yxy(58.2625, 0.3903, 0.3529)$

Have a look what the booklet for  
Yxy(58.2625, 0.3903, 0.3529)  
contains.

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# Color

**Yxy(58.2249, 0.3903, 0.3525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FDB9A3
RGB	253, 185, 163
RGB Percent	99%, 73%, 64%
CMY	0.0078, 0.2745, 0.3608
CMYK	0.00, 0.27, 0.36, 0.01
HSL	15°, 96%, 82%
HSV	15°, 36%, 99%
XYZ	64.4686, 58.2249, 42.4835
YIQ	202.8240, 47.5900, 7.5740

# Conversions

## Conversions Part 2

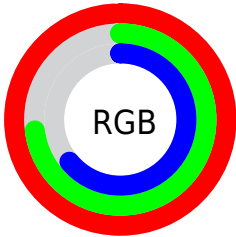
Format	Color
R <sub>Y</sub> B	253, 192, 163
Decimal	16628131
CIE Lab	80.86, 21.80, 20.86
CIE LCh	81, 30.171, 43.744
Yxy	58.2249, 0.3903, 0.3525
Android (android.graphics.Color)	4294818211 (0xFFFDDB9A3)
YUV	202.8240, -19.6332, 44.0044
Hunter-Lab	76.3052, 17.2765, 20.4035

# Details

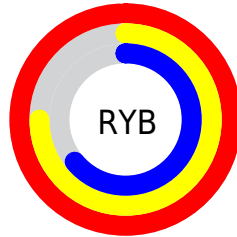
The Yxy color **58.2249, 0.3903, 0.3525** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **72.0224, 0.2591, 0.3039**, and the grayscale version is **59.7091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.2325, 0.3365, 0.3518**, and **29.2523, 0.4111, 0.3576** is the 20% darker color. If you saturate the color by 10%, you get **49.9432, 0.4219, 0.3590**, and if you desaturate by 10%, it is **67.7685, 0.3633, 0.3456**.

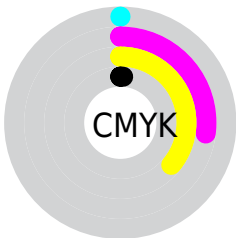
# Distribution



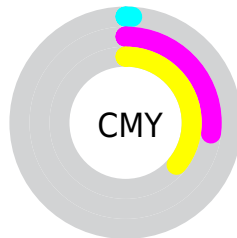
- Red (99%)
- Green (73%)
- Blue (64%)



- Red (99%)
- Yellow (75%)
- Blue (64%)



- Cyan (0%)
- Magenta (27%)
- Yellow (36%)
- Black (1%)




- Cyan (1%)
- Magenta (27%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 58.2249, 0.3903, 0.3525 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 58.2249, 0.3903, 0.3525 by changing the saturation by 10% instead.




 58.2249, 0.3903,  
0.3525


 58.2249, 0.3903,  
0.3525


418.0234, 0.3526,  
0.3424

 41.9895, 0.3993,  
0.3545


 102.2503, 0.3769,  
0.3492

 29.0931, 0.4107,  
0.3569


 130.8091, 0.3718,  
0.3479

 19.1512, 0.4253,  
0.3596


164.2444, 0.3674,  
0.3467

 11.7796, 0.4449,  
0.3625

202.9407, 0.3636,  
0.3456

 6.5938, 0.4722,  
0.3654

247.2824, 0.3603,  
0.3447

 3.2094, 0.5124,  
0.3666


297.6538, 0.3574,

 1.2420, 0.6146,


0.3438


0.3854

354.4393, 0.3549,  
0.3431


 0.0956, 0.8669,  
0.1331


 0.0000, 0.0000,  
0.0000


 58.2249, 0.3903,  
0.3525


 58.2249, 0.3903,  
0.3525


 49.9432, 0.4219,  
0.3590


 67.7685, 0.3633,  
0.3456

 42.8616, 0.4580,  
0.3645

 78.6158, 0.3407,  
0.3388

 36.9253, 0.4973,  
0.3679

 90.8170, 0.3218,  
0.3324

 32.0721, 0.5372,  
0.3681

99.6240, 0.3115,  
0.3290

■ 28.2331, 0.5735,  
0.3643

■ 25.3305, 0.6020,  
0.3564

■ 24.3167, 0.6119,  
0.3524

# Harmonies

## Analogous

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



58.2249, 0.3735, 0.3206



58.2249, 0.3903, 0.3525



58.2249, 0.3846, 0.3811

# Triad

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



58.2249, 0.3903, 0.3525



58.2249, 0.2839, 0.3707



58.2249, 0.2654, 0.2653

# Complementary

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



58.2249, 0.3903, 0.3525



72.0224, 0.2591, 0.3039

# 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.



58.2249, 0.2447, 0.2737



58.2249, 0.3903, 0.3525



58.2249, 0.2547, 0.3334

# Square

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



58.2249, 0.3903, 0.3525



58.2249, 0.3220, 0.3951



58.2249, 0.2409, 0.2977



58.2249, 0.2995, 0.2722



# Rectangle

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



58.2249, 0.3903, 0.3525



58.2249, 0.3694, 0.3942



58.2249, 0.2409, 0.2977



58.2249, 0.2568, 0.2664

# Sweetspot

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



58.2277, 0.3903, 0.3525



85.5413, 0.3316, 0.3358



52.8996, 0.3341, 0.2593



17.9533, 0.3342, 0.3367



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.



58.2277, 0.3903, 0.3525



52.8850, 0.4134, 0.3574



79.5672, 0.3743, 0.3964



18.7085, 0.3288, 0.3349



13.1242, 0.6092, 0.3545

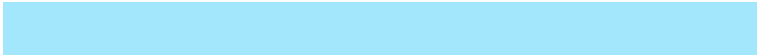


1.4403, 0.5876, 0.3716

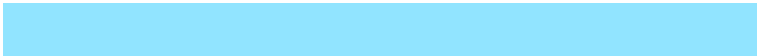


# Inverse Universe

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



72.0224, 0.2591, 0.3039



68.8574, 0.2489, 0.2977



50.4143, 0.2517, 0.2508



19.6844, 0.2980, 0.3230



23.8620, 0.2021, 0.2477



2.4941, 0.2050, 0.2580



# Previews

## White Background



This preview shows how the Yxy color 58.2249, 0.3903, 0.3525 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 58.2249, 0.3903, 0.3525 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

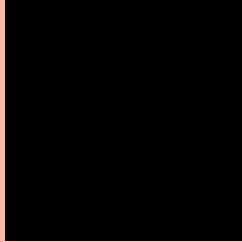
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 58.2249, 0.3903, 0.3525**

## Background



This preview shows how black text looks on a background with the Yxy color 58.2249, 0.3903, 0.3525.



This preview shows how white text looks on a background with the Yxy color 58.2249, 0.3903, 0.3525.

# 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

58.2249, 0.3903, 0.3525

### Protanopia

58.7106, 0.3439, 0.3646

### Deuteranopia

58.2056, 0.3727, 0.3650



## Tritanopia

58.2028, 0.3660, 0.3156

# Trichromacy



**Original Color**

58.2249, 0.3903, 0.3525

**Protanomaly**

58.1883, 0.3604, 0.3600

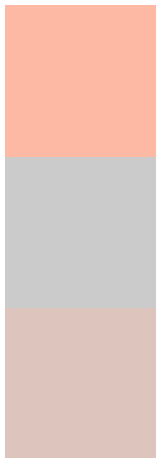
**Deuteranomaly**

58.1363, 0.3790, 0.3599

**Tritanomaly**

57.9456, 0.3746, 0.3281

# Monochromacy



**Original Color**

58.2249, 0.3903, 0.3525

**Achromatopsia**

59.7202, 0.3127, 0.3290

**Achromatomaly**

58.4828, 0.3391, 0.3383

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 58.2249, 0.3903, 0.3525 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(253, 185, 163)` looks like.

```
.text, #text, p{  
    color:rgb(253, 185, 163)  
}
```

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(253, 185, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 185, 163) }
```

## Border

The CSS property to change the border of an element to Yxy 58.2249, 0.3903, 0.3525 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(253, 185, 163) }
```

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

```
.border{ border-color:rgb(253, 185, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 185, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 185, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 185, 163);  
box-shadow:4px 4px 4px 4px rgb(253, 185,  
163) }
```



# Background

The CSS property to change the background color of an element to Yxy 58.2249, 0.3903, 0.3525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 185, 163) }
```

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

```
.background{ background-color: rgb(253,  
185, 163) }
```

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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