

Converting Colors

$Yxy(58.3106, 0.3889, 0.3471)$

Have a look what the booklet for
Yxy(58.3106, 0.3889, 0.3471)
contains.

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Color

Yxy(58.3310, 0.3889, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A7
RGB	255, 184, 167
RGB Percent	100%, 72%, 65%
CMY	0.0000, 0.2784, 0.3452
CMYK	0.00, 0.28, 0.35, 0.00
HSL	12°, 100%, 83%
HSV	12°, 35%, 100%
XYZ	65.3556, 58.3310, 44.3658
YIQ	203.2910, 47.7730, 9.7650

Conversions

Conversions Part 2

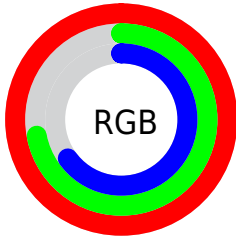
Format	Color
R _Y B	255, 188, 167
Decimal	16758951
CIE Lab	80.92, 23.55, 18.84
CIE LCh	81, 30.155, 38.655
Yxy	58.3310, 0.3889, 0.3471
Android (android.graphics.Color)	4294949031 (0xFFFFB8A7)
YUV	203.2910, -17.8915, 45.3488
Hunter-Lab	76.3747, 19.0907, 19.0209

Details

The Yxy color **58.3310, 0.3889, 0.3471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.5711, 0.2612, 0.3099**, and the grayscale version is **60.0058, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8541, 0.3341, 0.3468**, and **29.3407, 0.4093, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **49.5475, 0.4214, 0.3523**, and if you desaturate by 10%, it is **68.5467, 0.3615, 0.3416**.

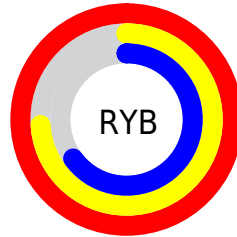
Distribution



Red (100%)

Green (72%)

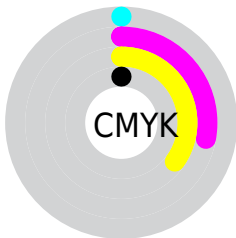
Blue (65%)



Red (100%)

Yellow (74%)

Blue (65%)

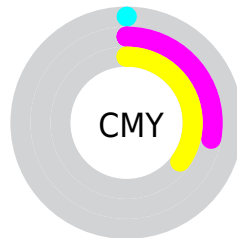


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (28%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3310, 0.3889, 0.3471 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 58.3310, 0.3889, 0.3471 by changing the saturation by 10% instead.


 58.3310, 0.3889,
0.3471


 58.3310, 0.3889,
0.3471

418.4182, 0.3519,
0.3395

 42.0748, 0.3978,
0.3486


 102.4047, 0.3757,
0.3447

 29.1599, 0.4089,
0.3502


 130.9910, 0.3707,
0.3437

 19.2018, 0.4234,
0.3520


164.4562, 0.3664,
0.3428

 11.8162, 0.4428,
0.3539

203.1845, 0.3627,
0.3420

 6.6186, 0.4700,
0.3553

247.5605, 0.3595,
0.3413

 3.2248, 0.5103,
0.3549

297.9685, 0.3566,

 1.2502, 0.6233,

0.3406

0.3767

354.7930, 0.3541,
0.3401

0.1021, 0.8681,
0.1319

0.0000, 0.0000,
0.0000

58.3310, 0.3889,
0.3471

58.3310, 0.3889,
0.3471

49.5475, 0.4214,
0.3523

68.5467, 0.3615,
0.3416

42.1260, 0.4588,
0.3567

80.2492, 0.3388,
0.3363

35.9992, 0.5001,
0.3593

93.4970, 0.3201,
0.3312

31.0914, 0.5422,
0.3593

100.0000, 0.3127,
0.3290

■ 27.3187, 0.5805,
0.3558

■ 24.5859, 0.6099,
0.3490

■ 23.4829, 0.6216,
0.3447

Harmonies

Analogous

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



58.3310, 0.3686, 0.3153



58.3310, 0.3889, 0.3471



58.3310, 0.3871, 0.3767

Triad

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



58.3310, 0.3889, 0.3471



58.3310, 0.2901, 0.3760



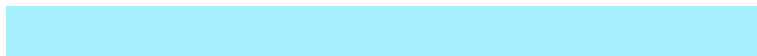
58.3310, 0.2609, 0.2657

Complementary

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



58.3310, 0.3889, 0.3471



76.5711, 0.2612, 0.3099

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.



58.3310, 0.2429, 0.2768



58.3310, 0.3889, 0.3471



58.3310, 0.2588, 0.3400

Square

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



58.3310, 0.3889, 0.3471



58.3310, 0.3287, 0.3971



58.3310, 0.2421, 0.3031



58.3310, 0.2931, 0.2701

Rectangle

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



58.3310, 0.3889, 0.3471



58.3310, 0.3739, 0.3914



58.3310, 0.2421, 0.3031



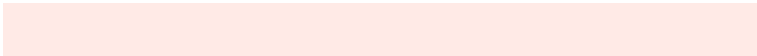
58.3310, 0.2531, 0.2676

Sweetspot

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



58.3329, 0.3889, 0.3471



86.0366, 0.3299, 0.3339



55.1161, 0.3297, 0.2573



18.0225, 0.3326, 0.3346



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.



58.3329, 0.3889, 0.3471



52.4771, 0.4094, 0.3505



79.0581, 0.3737, 0.3902



18.5555, 0.3290, 0.3337



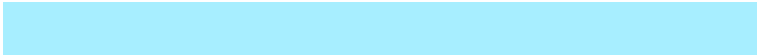
12.4310, 0.6192, 0.3466



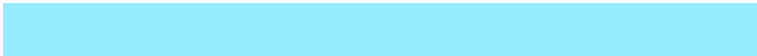
1.3526, 0.5989, 0.3627

Inverse Universe

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



76.5711, 0.2612, 0.3099



73.0386, 0.2526, 0.3057



54.3999, 0.2544, 0.2589



19.8492, 0.2980, 0.3243



26.9716, 0.2071, 0.2656



2.7720, 0.2094, 0.2737

Previews

White Background



This preview shows how the Yxy color 58.3310, 0.3889, 0.3471 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 58.3310, 0.3889, 0.3471 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 58.3310, 0.3889, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 58.3310, 0.3889, 0.3471.



This preview shows how white text looks on a background with the Yxy color 58.3310, 0.3889, 0.3471.

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

58.3310, 0.3889, 0.3471

Protanopia

58.7173, 0.3401, 0.3598

Deuteranopia

58.1802, 0.3686, 0.3606



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.3310, 0.3889, 0.3471

Protanomaly

58.3397, 0.3572, 0.3553

Deuteranomaly

58.2809, 0.3756, 0.3555

Tritanomaly

58.1766, 0.3746, 0.3271

Monochromacy



Original Color

58.3310, 0.3889, 0.3471

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.7272, 0.3384, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3310, 0.3889, 0.3471 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, 184, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 167)  
}
```

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, 184, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 167) }
```

Border

The CSS property to change the border of an element to Yxy 58.3310, 0.3889, 0.3471 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, 184, 167) }
```

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

```
.border{ border-color:rgb(255, 184, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 184, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
167) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3310, 0.3889, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 167) }
```

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

```
.background{ background-color: rgb(255,  
184, 167) }
```

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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