

Converting Colors

Yxy(58.4583, 0.3898, 0.3488)

Have a look what the booklet for
Yxy(58.4583, 0.3898, 0.3488)
contains.

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Color

Yxy(58.2942, 0.3898, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8A6
RGB	255, 184, 166
RGB Percent	100%, 72%, 65%
CMY	0.0000, 0.2785, 0.3490
CMYK	0.00, 0.28, 0.35, 0.00
HSL	12°, 100%, 83%
HSV	12°, 35%, 100%
XYZ	65.2774, 58.2942, 43.8923
YIQ	203.1770, 48.0940, 9.4540

Conversions

Conversions Part 2

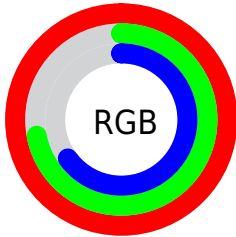
Format	Color
R _Y B	255, 189, 166
Decimal	16758950
CIE Lab	80.90, 23.46, 19.33
CIE LCh	81, 30.398, 39.486
Yxy	58.2942, 0.3898, 0.3481
Android (android.graphics.Color)	4294949030 (0xFFFFB8A6)
YUV	203.1770, -18.3283, 45.4488
Hunter-Lab	76.3506, 18.9984, 19.3609

Details

The Yxy color **58.2942, 0.3898, 0.3481** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **75.9123, 0.2606, 0.3088**, and the grayscale version is **59.9261, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8006, 0.3347, 0.3478**, and **29.1833, 0.4093, 0.3522** is the 20% darker color. If you saturate the color by 10%, you get **49.5885, 0.4222, 0.3535**, and if you desaturate by 10%, it is **68.3885, 0.3623, 0.3424**.

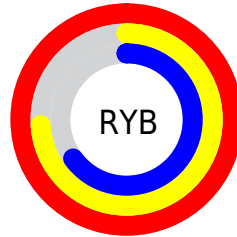
Distribution



Red (100%)

Green (72%)

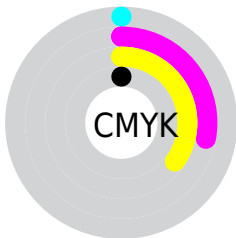
Blue (65%)



Red (100%)

Yellow (74%)

Blue (65%)

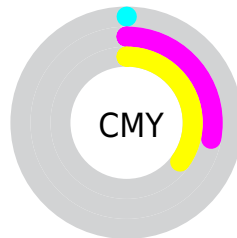


Cyan (0%)

Magenta (28%)

Yellow (35%)

Black (0%)



Cyan (0%)


Magenta (28%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2942, 0.3898, 0.3481 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 58.2942, 0.3898, 0.3481 by changing the saturation by 10% instead.


 58.2942, 0.3898,
0.3481


 58.2942, 0.3898,
0.3481


418.2813, 0.3523,
0.3401

 42.0452, 0.3988,
0.3497


 102.3512, 0.3765,
0.3455

 29.1367, 0.4101,
0.3514


 130.9279, 0.3714,
0.3445

 19.1843, 0.4247,
0.3534


164.3827, 0.3670,
0.3435

 11.8035, 0.4443,
0.3554

203.1000, 0.3633,
0.3427

 6.6100, 0.4717,
0.3570

247.4641, 0.3600,
0.3419

 3.2194, 0.5123,
0.3567

297.8594, 0.3571,

 1.2473, 0.6229,

0.3413

0.3771

354.6703, 0.3546,
0.3406

0.0999, 0.8699,
0.1301

0.0000, 0.0000,
0.0000

58.2942, 0.3898,
0.3481

58.2942, 0.3898,
0.3481

49.5885, 0.4222,
0.3535

68.3885, 0.3623,
0.3424

42.2283, 0.4595,
0.3580

79.9497, 0.3395,
0.3368

36.1394, 0.5005,
0.3608

93.0265, 0.3207,
0.3315

31.2482, 0.5422,
0.3607

100.0000, 0.3127,
0.3290

■ 27.4732, 0.5801,
0.3571

■ 24.7218, 0.6092,
0.3500

■ 23.6717, 0.6201,
0.3458

Harmonies

Analogous

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



58.2942, 0.3698, 0.3161



58.2942, 0.3898, 0.3481



58.2942, 0.3873, 0.3778

Triad

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



58.2942, 0.3898, 0.3481



58.2942, 0.2888, 0.3756



58.2942, 0.2612, 0.2651

Complementary

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



58.2942, 0.3898, 0.3481



75.9123, 0.2606, 0.3088

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.



58.2942, 0.2426, 0.2758



58.2942, 0.3898, 0.3481



58.2942, 0.2577, 0.3390

Square

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



58.2942, 0.3898, 0.3481



58.2942, 0.3277, 0.3974



58.2942, 0.2413, 0.3020



58.2942, 0.2939, 0.2700

Rectangle

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



58.2942, 0.3898, 0.3481



58.2942, 0.3737, 0.3924



58.2942, 0.2413, 0.3020



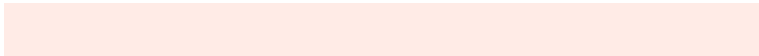
58.2942, 0.2532, 0.2669

Sweetspot

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



58.2877, 0.3898, 0.3481



86.1616, 0.3299, 0.3341



54.6626, 0.3311, 0.2579



18.0526, 0.3326, 0.3349



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.



58.2877, 0.3898, 0.3481



51.9687, 0.4123, 0.3520



79.6674, 0.3740, 0.3923



18.5810, 0.3289, 0.3339



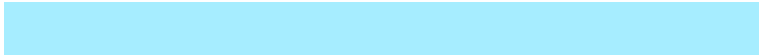
12.5354, 0.6176, 0.3478



1.3663, 0.5971, 0.3641

Inverse Universe

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



75.9123, 0.2606, 0.3088



71.9938, 0.2512, 0.3040



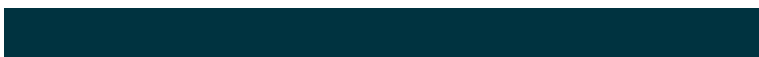
53.3389, 0.2535, 0.2561



19.8215, 0.2980, 0.3241



26.4322, 0.2063, 0.2627



2.7240, 0.2086, 0.2711

Previews

White Background



This preview shows how the Yxy color 58.2942, 0.3898, 0.3481 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 58.2942, 0.3898, 0.3481 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

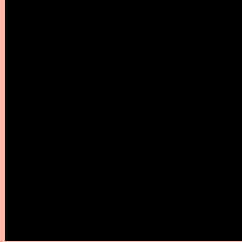
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.2942, 0.3898, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 58.2942, 0.3898, 0.3481.



This preview shows how white text looks on a background with the Yxy color 58.2942, 0.3898, 0.3481.

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

58.2942, 0.3898, 0.3481

Protanopia

58.6782, 0.3408, 0.3611

Deuteranopia

58.1439, 0.3694, 0.3617



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.2942, 0.3898, 0.3481

Protanomaly

58.3014, 0.3580, 0.3565

Deuteranomaly

58.2443, 0.3764, 0.3566

Tritanomaly

58.1766, 0.3746, 0.3271

Monochromacy



Original Color

58.2942, 0.3898, 0.3481

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 58.2942, 0.3898, 0.3481 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, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 166)  
}
```

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, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 166) }
```

Border

The CSS property to change the border of an element to Yxy 58.2942, 0.3898, 0.3481 is called "border". The border property can be set on classes, ids or directly on the HTML element.

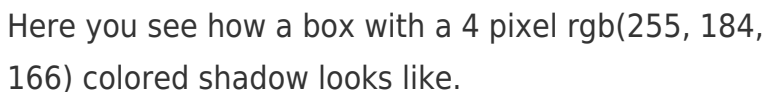
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 184, 166) }
```

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

```
.border{ border-color:rgb(255, 184, 166) }
```

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, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 166); box-shadow:4px 4px 4px 4px rgb(255, 184, 166) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2942, 0.3898, 0.3481 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, 166) }
```

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

```
.background{ background-color: rgb(255,  
184, 166) }
```

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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