

Converting Colors

$Y_{xy}(59.4902, 0.4113, 0.3822)$

Have a look what the booklet for
Yxy(59.4902, 0.4113, 0.3822)
contains.

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Color

Yxy(59.4902, 0.4113, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	FFBD8A
RGB	255, 189, 138
RGB Percent	100%, 74%, 54%
CMY	0.0001, 0.2588, 0.4589
CMYK	0.00, 0.26, 0.46, 0.00
HSL	26°, 100%, 77%
HSV	26°, 46%, 100%
XYZ	64.0197, 59.4902, 32.1421
YIQ	202.9200, 55.7070, -1.8690

Conversions

Conversions Part 2

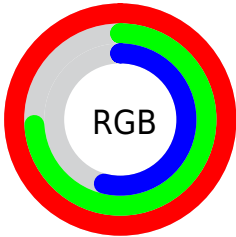
Format	Color
R _Y B	255, 228, 138
Decimal	16760202
CIE Lab	81.56, 17.77, 35.04
CIE LCh	82, 39.288, 63.106
Yxy	59.4902, 0.4113, 0.3822
Android (android.graphics.Color)	4294950282 (0xFFFFBD8A)
YUV	202.9200, -32.0056, 45.6742
Hunter-Lab	77.1299, 13.1820, 29.2832

Details

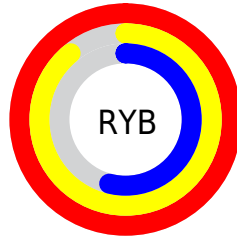
The Yxy color **59.4902, 0.4113, 0.3822** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **55.7792, 0.2402, 0.2674**, and the grayscale version is **59.8467, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3706, 0.3524, 0.3818**, and **30.0322, 0.4358, 0.3932** is the 20% darker color. If you saturate the color by 10%, you get **52.9573, 0.4405, 0.3924**, and if you desaturate by 10%, it is **66.8153, 0.3846, 0.3706**.

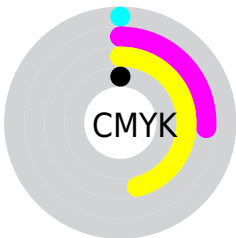
Distribution



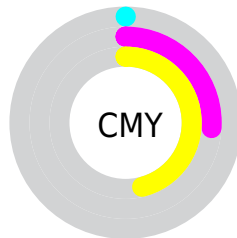
- Red (100%)
- Green (74%)
- Blue (54%)



- Red (100%)
- Yellow (89%)
- Blue (54%)



- Cyan (0%)
- Magenta (26%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.4902, 0.4113, 0.3822 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 59.4902, 0.4113, 0.3822 by changing the saturation by 10% instead.


 59.4902, 0.4113,
0.3822


 59.4902, 0.4113,
0.3822


422.7161, 0.3641,
0.3589


 43.0079, 0.4222,
0.3870


 104.0898, 0.3947,
0.3745

 29.8913, 0.4358,
0.3925


 132.9758, 0.3883,
0.3714

 19.7561, 0.4528,
0.3988


 166.7652, 0.3829,
0.3687

 12.2179, 0.4746,
0.4058

205.8423, 0.3781,
0.3662

 6.8922, 0.5031,
0.4125

250.5916, 0.3739,
0.3641

 3.3948, 0.5544,
0.4268

301.3973, 0.3703,

 1.3412, 0.5908,

0.3622

0.4092

358.6441, 0.3670,
0.3604

0.1727, 0.7759,
0.2241

0.0000, 0.0000,
0.0000

59.4902, 0.4113,
0.3822

59.4902, 0.4113,
0.3822

52.9573, 0.4405,
0.3924

66.8153, 0.3846,
0.3706

47.1779, 0.4712,
0.4000

74.9520, 0.3609,
0.3586

42.1224, 0.5018,
0.4038

83.9299, 0.3401,
0.3467

37.7548, 0.5301,
0.4024

93.7741, 0.3221,
0.3354

■ 34.0344, 0.5539,
0.3955

99.9974, 0.3127,
0.3290

■ 32.6758, 0.5625,
0.3915

Harmonies

Analogous

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



59.4902, 0.4088, 0.3431



59.4902, 0.4113, 0.3822



59.4902, 0.3857, 0.4120

Triad

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



59.4902, 0.4113, 0.3822



59.4902, 0.2495, 0.3522



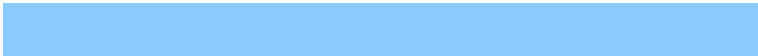
59.4902, 0.2783, 0.2522

Complementary

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



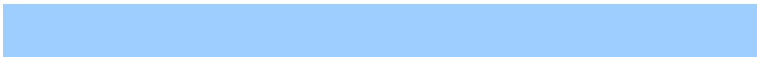
59.4902, 0.4113, 0.3822



55.7792, 0.2402, 0.2674

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.



59.4902, 0.2408, 0.2496



59.4902, 0.4113, 0.3822



59.4902, 0.2252, 0.3025

Square

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



59.4902, 0.4113, 0.3822



59.4902, 0.2916, 0.3982



59.4902, 0.2223, 0.2663



59.4902, 0.3284, 0.2717

Rectangle

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



59.4902, 0.4113, 0.3822



59.4902, 0.3575, 0.4207



59.4902, 0.2223, 0.2663



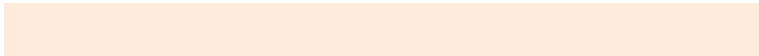
59.4902, 0.2640, 0.2493

Sweetspot

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



59.4931, 0.4113, 0.3822



85.7340, 0.3365, 0.3445



43.7995, 0.3655, 0.2614



17.9129, 0.3406, 0.3471



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.



59.4931, 0.4113, 0.3822



53.5145, 0.4378, 0.3916



89.7265, 0.3841, 0.4355



19.2906, 0.3283, 0.3394



17.3605, 0.5597, 0.3938



1.9031, 0.5399, 0.4095

Inverse Universe

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



55.7792, 0.2402, 0.2674



49.3523, 0.2268, 0.2525



33.1080, 0.2270, 0.1938



19.0772, 0.2979, 0.3184



14.4609, 0.1831, 0.1792



1.6256, 0.1883, 0.1978

Previews

White Background



This preview shows how the Yxy color 59.4902, 0.4113, 0.3822 looks on a white background.

Color Contrast Check

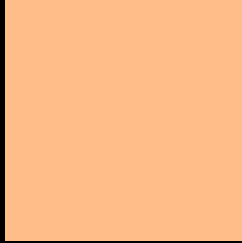
Large Text (above 18pt) WCAG AA × Fail

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 59.4902, 0.4113, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

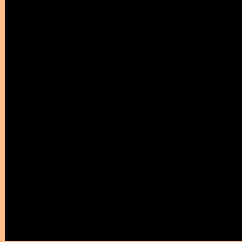
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.4902, 0.4113, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 59.4902, 0.4113, 0.3822.



This preview shows how white text looks on a background with the Yxy color 59.4902, 0.4113, 0.3822.

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

59.4902, 0.4113, 0.3822

Protanopia

59.7856, 0.3697, 0.3976

Deuteranopia

59.4444, 0.3994, 0.3907



Tritanopia

59.5265, 0.3636, 0.3167

Trichromacy



Original Color

59.4902, 0.4113, 0.3822

Protanomaly

59.4970, 0.3843, 0.3918

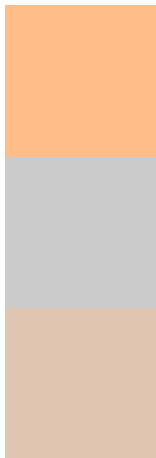
Deuteranomaly

59.2796, 0.4038, 0.3878

Tritanomaly

59.4730, 0.3812, 0.3407

Monochromacy



Original Color

59.4902, 0.4113, 0.3822

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

59.1724, 0.3467, 0.3509

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4902, 0.4113, 0.3822 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, 189, 138)` looks like.

```
.text, #text, p{  
  color:rgb(255, 189, 138)  
}
```

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, 189, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 189, 138) }
```

Border

The CSS property to change the border of an element to Yxy 59.4902, 0.4113, 0.3822 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, 189, 138) }
```

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

```
.border{ border-color:rgb(255, 189, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 189, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 189, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 189, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 189,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4902, 0.4113, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 189, 138) }
```

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

```
.background{ background-color: rgb(255,  
189, 138) }
```

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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