

Converting Colors

Yxy(58.9521, 0.3917, 0.3532)

Have a look what the booklet for
Yxy(58.9521, 0.3917, 0.3532)
contains.

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Color

Yxy(59.0222, 0.3916, 0.3534)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAA3
RGB	255, 186, 163
RGB Percent	100%, 73%, 64%
CMY	0.0001, 0.2705, 0.3608
CMYK	0.00, 0.27, 0.36, 0.00
HSL	15°, 100%, 82%
HSV	15°, 36%, 100%
XYZ	65.4021, 59.0222, 42.5882
YIQ	204.0090, 48.5070, 7.4750

Conversions

Conversions Part 2

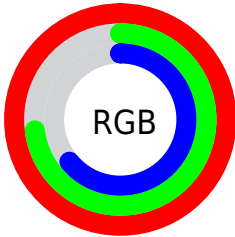
Format	Color
R _Y B	255, 194, 163
Decimal	16759459
CIE Lab	81.30, 22.01, 21.50
CIE LCh	81, 30.768, 44.330
Yxy	59.0222, 0.3916, 0.3534
Android (android.graphics.Color)	4294949539 (0xFFFFBAA3)
YUV	204.0090, -20.2174, 44.7191
Hunter-Lab	76.8259, 17.5121, 20.9109

Details

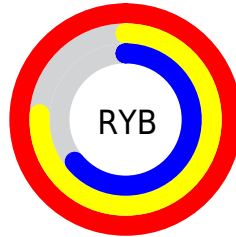
The Yxy color **59.0222, 0.3916, 0.3534** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.6844, 0.2583, 0.3028**, and the grayscale version is **60.4973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.8262, 0.3364, 0.3528**, and **29.6585, 0.4116, 0.3588** is the 20% darker color. If you saturate the color by 10%, you get **50.6785, 0.4233, 0.3601**, and if you desaturate by 10%, it is **68.6330, 0.3645, 0.3464**.

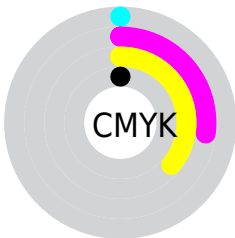
Distribution



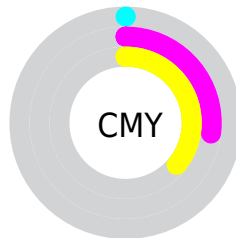
- Red (100%)
- Green (73%)
- Blue (64%)



- Red (100%)
- Yellow (76%)
- Blue (64%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.0222, 0.3916, 0.3534 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 59.0222, 0.3916, 0.3534 by changing the saturation by 10% instead.


 59.0222, 0.3916,
0.3534


 59.0222, 0.3916,
0.3534


420.9842, 0.3534,
0.3430

 42.6310, 0.4007,
0.3555


 103.4099, 0.3780,
0.3500

 29.5957, 0.4122,
0.3579

 132.1752, 0.3728,
0.3486

 19.5319, 0.4269,
0.3607


165.8340, 0.3684,
0.3474

 12.0553, 0.4466,
0.3637

204.7707, 0.3646,
0.3463

 6.7813, 0.4740,
0.3666

249.3697, 0.3612,
0.3453

 3.3257, 0.5139,
0.3679

300.0153, 0.3583,

 1.3041, 0.6139,

0.3444

0.3861

357.0920, 0.3557,
0.3437

0.1443, 0.8237,
0.1763

0.0000, 0.0000,
0.0000

59.0222, 0.3916,
0.3534

59.0222, 0.3916,
0.3534

50.6785, 0.4233,
0.3601

68.6330, 0.3645,
0.3464

43.5398, 0.4594,
0.3656

79.5528, 0.3417,
0.3394

37.5514, 0.4986,
0.3690

91.8319, 0.3227,
0.3328

32.6507, 0.5381,
0.3691

99.9954, 0.3127,
0.3290

■ 28.7686, 0.5740,
0.3651

■ 25.8271, 0.6020,
0.3569

■ 24.9045, 0.6107,
0.3533

Harmonies

Analogous

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



59.0222, 0.3749, 0.3210



59.0222, 0.3916, 0.3534



59.0222, 0.3854, 0.3823

Triad

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



59.0222, 0.3916, 0.3534



59.0222, 0.2828, 0.3707



59.0222, 0.2653, 0.2644

Complementary

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



59.0222, 0.3916, 0.3534



72.6844, 0.2583, 0.3028

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.



59.0222, 0.2440, 0.2726



59.0222, 0.3916, 0.3534



59.0222, 0.2535, 0.3327

Square

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



59.0222, 0.3916, 0.3534



59.0222, 0.3214, 0.3959



59.0222, 0.2398, 0.2966



59.0222, 0.3000, 0.2717

Rectangle

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



59.0222, 0.3916, 0.3534



59.0222, 0.3696, 0.3954



59.0222, 0.2398, 0.2966



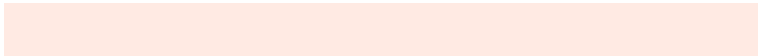
59.0222, 0.2564, 0.2654

Sweetspot

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



59.0250, 0.3916, 0.3534



85.6338, 0.3316, 0.3360



53.2697, 0.3358, 0.2597



17.9752, 0.3342, 0.3369



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.



59.0250, 0.3916, 0.3534



53.1276, 0.4131, 0.3581



81.6003, 0.3748, 0.3987



18.7259, 0.3288, 0.3350



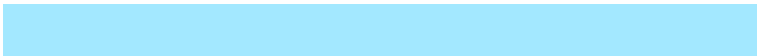
13.2135, 0.6080, 0.3555



1.4511, 0.5863, 0.3727

Inverse Universe

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



72.6844, 0.2583, 0.3028



68.5083, 0.2488, 0.2969



50.1142, 0.2505, 0.2476



19.6658, 0.2980, 0.3229



23.5268, 0.2016, 0.2456



2.4639, 0.2045, 0.2562

Previews

White Background



This preview shows how the Yxy color 59.0222, 0.3916, 0.3534 looks on a white background.

Color Contrast Check

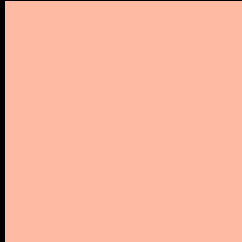
Large Text (above 18pt) WCAG AA × Fail

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 59.0222, 0.3916, 0.3534 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

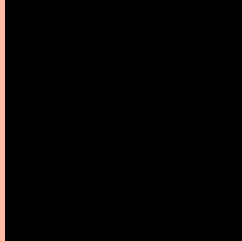
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.0222, 0.3916, 0.3534

Background



This preview shows how black text looks on a background with the Yxy color 59.0222, 0.3916, 0.3534.



This preview shows how white text looks on a background with the Yxy color 59.0222, 0.3916, 0.3534.

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

59.0222, 0.3916, 0.3534

Protanopia

59.3275, 0.3446, 0.3656

Deuteranopia

58.9896, 0.3741, 0.3659



Tritanopia

59.1125, 0.3638, 0.3156

Trichromacy



Original Color

59.0222, 0.3916, 0.3534

Protanomaly

58.8010, 0.3610, 0.3610

Deuteranomaly

58.9249, 0.3803, 0.3608

Tritanomaly

59.0017, 0.3740, 0.3292

Monochromacy



Original Color

59.0222, 0.3916, 0.3534

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2946, 0.3398, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.0222, 0.3916, 0.3534 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, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 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(255, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 163) }
```

Border

The CSS property to change the border of an element to Yxy 59.0222, 0.3916, 0.3534 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, 186, 163) }
```

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

```
.border{ border-color:rgb(255, 186, 163) }
```

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

Here you see how a box with a 4 pixel rgb(255, 186, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 59.0222, 0.3916, 0.3534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 163) }
```

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

```
.background{ background-color: rgb(255,  
186, 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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