

Converting Colors

$Yxy(58.8517, 0.3937, 0.3556)$

Have a look what the booklet for
Yxy(58.8517, 0.3937, 0.3556)
contains.

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Color

Yxy(58.9510, 0.3933, 0.3555)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAA1
RGB	255, 186, 161
RGB Percent	100%, 73%, 63%
CMY	0.0002, 0.2705, 0.3687
CMYK	0.00, 0.27, 0.37, 0.00
HSL	16°, 100%, 82%
HSV	16°, 37%, 100%
XYZ	65.2192, 58.9510, 41.6554
YIQ	203.7810, 49.1490, 6.8530

Conversions

Conversions Part 2

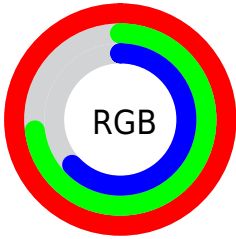
Format	Color
R _Y B	255, 195, 161
Decimal	16759457
CIE Lab	81.26, 21.77, 22.51
CIE LCh	81, 31.312, 45.960
Yxy	58.9510, 0.3933, 0.3555
Android (android.graphics.Color)	4294949537 (0xFFFFBAA1)
YUV	203.7810, -21.0910, 44.9191
Hunter-Lab	76.7796, 17.2598, 21.5789

Details

The Yxy color **58.9510, 0.3933, 0.3555** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **71.3433, 0.2569, 0.3004**, and the grayscale version is **60.3508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7221, 0.3376, 0.3548**, and **29.6149, 0.4140, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **50.7713, 0.4249, 0.3625**, and if you desaturate by 10%, it is **68.3512, 0.3661, 0.3480**.

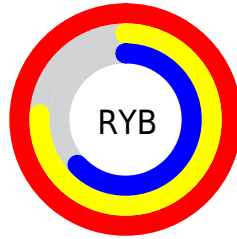
Distribution



Red (100%)

Green (73%)

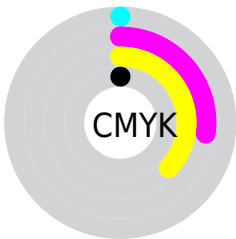
Blue (63%)



Red (100%)

Yellow (76%)

Blue (63%)

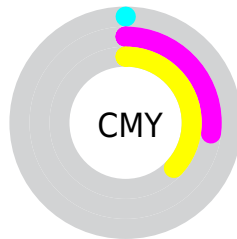


Cyan (0%)

Magenta (27%)

Yellow (37%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9510, 0.3933, 0.3555 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 58.9510, 0.3933, 0.3555 by changing the saturation by 10% instead.


 58.9510, 0.3933,
0.3555


 58.9510, 0.3933,
0.3555


420.7203, 0.3542,
0.3441

 42.5737, 0.4026,
0.3578


 103.3064, 0.3794,
0.3518

 29.5508, 0.4143,
0.3605


 132.0534, 0.3741,
0.3502

 19.4979, 0.4293,
0.3635


165.6922, 0.3696,
0.3489

 12.0306, 0.4493,
0.3669

204.6075, 0.3657,
0.3477

 6.7645, 0.4770,
0.3701

249.1836, 0.3623,
0.3467

 3.3153, 0.5173,
0.3717

299.8048, 0.3593,

 1.2985, 0.6128,

0.3457

0.3872

356.8556, 0.3566,
0.3449

0.1400, 0.8260,
0.1740

0.0000, 0.0000,
0.0000

58.9510, 0.3933,
0.3555

58.9510, 0.3933,
0.3555

50.7713, 0.4249,
0.3625

68.3512, 0.3661,
0.3480

43.7528, 0.4607,
0.3683

79.0112, 0.3432,
0.3406

37.8433, 0.4993,
0.3718

90.9791, 0.3240,
0.3336

32.9835, 0.5380,
0.3719

99.9916, 0.3127,
0.3290

■ 29.1078, 0.5730,
0.3676

■ 26.1414, 0.6002,
0.3590

■ 25.3771, 0.6073,
0.3560

Harmonies

Analogous

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



58.9510, 0.3775, 0.3226



58.9510, 0.3933, 0.3555



58.9510, 0.3857, 0.3845

Triad

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



58.9510, 0.3933, 0.3555



58.9510, 0.2803, 0.3696



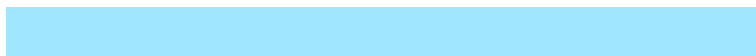
58.9510, 0.2661, 0.2634

Complementary

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



58.9510, 0.3933, 0.3555



71.3433, 0.2569, 0.3004

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.



58.9510, 0.2436, 0.2707



58.9510, 0.3933, 0.3555



58.9510, 0.2512, 0.3305

Square

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



58.9510, 0.3933, 0.3555



58.9510, 0.3192, 0.3964



58.9510, 0.2383, 0.2942



58.9510, 0.3020, 0.2716

Rectangle

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



58.9510, 0.3933, 0.3555



58.9510, 0.3690, 0.3974



58.9510, 0.2383, 0.2942



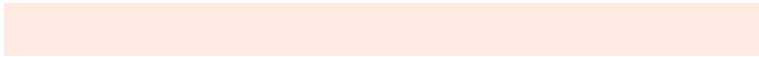
58.9510, 0.2568, 0.2640

Sweetspot

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



58.9538, 0.3933, 0.3555



85.8903, 0.3316, 0.3364



52.5346, 0.3364, 0.2582



18.0360, 0.3341, 0.3374



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.



58.9538, 0.3933, 0.3555



53.0068, 0.4154, 0.3606



81.2370, 0.3762, 0.4002



18.7741, 0.3288, 0.3354



13.4725, 0.6044, 0.3583



1.4821, 0.5825, 0.3756

Inverse Universe

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



71.3433, 0.2569, 0.3004



66.9499, 0.2471, 0.2939



49.2756, 0.2490, 0.2455



19.6144, 0.2980, 0.3225



22.6152, 0.2000, 0.2399



2.3816, 0.2031, 0.2513

Previews

White Background



This preview shows how the Yxy color 58.9510, 0.3933, 0.3555 looks on a white background.

Color Contrast Check

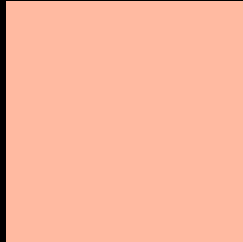
Large Text (above 18pt) WCAG AA × Fail

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 58.9510, 0.3933, 0.3555 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 58.9510, 0.3933, 0.3555

Background



This preview shows how black text looks on a background with the Yxy color 58.9510, 0.3933, 0.3555.



This preview shows how white text looks on a background with the Yxy color 58.9510, 0.3933, 0.3555.

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

58.9510, 0.3933, 0.3555

Protanopia

59.2518, 0.3461, 0.3680

Deuteranopia

58.9196, 0.3757, 0.3681



Tritanopia

59.0671, 0.3647, 0.3167

Trichromacy



Original Color

58.9510, 0.3933, 0.3555

Protanomaly

58.7270, 0.3626, 0.3633

Deuteranomaly

58.8544, 0.3820, 0.3630

Tritanomaly

58.9599, 0.3749, 0.3302

Monochromacy



Original Color

58.9510, 0.3933, 0.3555

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.2513, 0.3406, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.9510, 0.3933, 0.3555 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, 161)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 161)  
}
```

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, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 161) }
```

Border

The CSS property to change the border of an element to Yxy 58.9510, 0.3933, 0.3555 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, 161) }
```

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

```
.border{ border-color:rgb(255, 186, 161) }
```

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, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 161);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9510, 0.3933, 0.3555 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, 161) }
```

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

```
.background{ background-color: rgb(255,  
186, 161) }
```

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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