

Converting Colors

$Y_{xy}(55.8240, 0.4112, 0.3672)$

Have a look what the booklet for
Yxy(55.8240, 0.4112, 0.3672)
contains.

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Color

Yxy(55.9161, 0.4108, 0.3669)

Conversions

Conversions Part 1

Format	Color
Hex	FFB490
RGB	255, 180, 144
RGB Percent	100%, 71%, 56%
CMY	0.0000, 0.2942, 0.4353
CMYK	0.00, 0.29, 0.44, 0.00
HSL	19°, 100%, 78%
HSV	19°, 44%, 100%
XYZ	62.6065, 55.9161, 33.8788
YIQ	198.3210, 56.2560, 4.7040

Conversions

Conversions Part 2

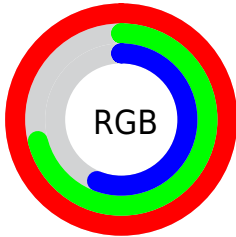
Format	Color
R _{YB}	255, 197, 144
Decimal	16757904
CIE Lab	79.57, 23.12, 29.24
CIE LCh	80, 37.278, 51.672
Yxy	55.9161, 0.4108, 0.3669
Android (android.graphics.Color)	4294947984 (0xFFFFB490)
YUV	198.3210, -26.7803, 49.7075
Hunter-Lab	74.7771, 18.5879, 25.4817

Details

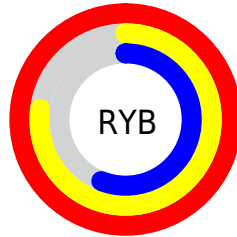
The Yxy color **55.9161, 0.4108, 0.3669** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.8201, 0.2464, 0.2865**, and the grayscale version is **56.8123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.3281, 0.3504, 0.3672**, and **27.7048, 0.4367, 0.3742** is the 20% darker color. If you saturate the color by 10%, you get **48.6872, 0.4432, 0.3747**, and if you desaturate by 10%, it is **64.1761, 0.3821, 0.3581**.

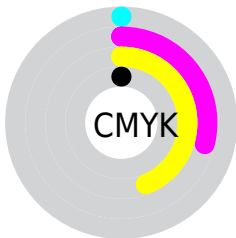
Distribution



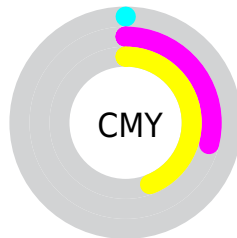
- Red (100%)
- Green (71%)
- Blue (56%)



- Red (100%)
- Yellow (77%)
- Blue (56%)



- Cyan (0%)
- Magenta (29%)
- Yellow (44%)
- Black (0%)





- Cyan (0%)
- Magenta (29%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.9161, 0.4108, 0.3669 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 55.9161, 0.4108, 0.3669 by changing the saturation by 10% instead.

 55.9161, 0.4108,
0.3669


 55.9161, 0.4108,
0.3669

409.3752, 0.3630,
0.3506

 40.1357, 0.4222,
0.3701


 98.8819, 0.3938,
0.3616

 27.6443, 0.4364,
0.3738


 126.8360, 0.3873,
0.3594

 18.0577, 0.4546,
0.3778


159.6169, 0.3818,
0.3575

 10.9914, 0.4786,
0.3819

197.6088, 0.3770,
0.3558

 6.0611, 0.5111,
0.3851

241.1962, 0.3728,
0.3543

 2.8823, 0.5664,
0.3910

290.7635, 0.3692,

 1.0706, 0.6273,

0.3530

0.3727

346.6950, 0.3659,
0.3517

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.9161, 0.4108,
0.3669

55.9161, 0.4108,
0.3669

48.6872, 0.4432,
0.3747

64.1761, 0.3821,
0.3581

42.4609, 0.4786,
0.3804

73.5231, 0.3573,
0.3491

37.1850, 0.5150,
0.3828

83.9906, 0.3362,
0.3402

32.8082, 0.5494,
0.3807

95.6153, 0.3183,
0.3318

■ 29.2728, 0.5783,
0.3735

100.0000, 0.3127,
0.3290

■ 27.3962, 0.5935,
0.3670

Harmonies

Analogous

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



55.9161, 0.3972, 0.3280



55.9161, 0.4108, 0.3669



55.9161, 0.3957, 0.4004

Triad

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



55.9161, 0.4108, 0.3669



55.9161, 0.2654, 0.3700



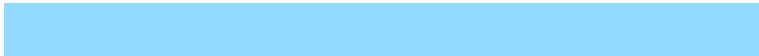
55.9161, 0.2636, 0.2513

Complementary

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



55.9161, 0.4108, 0.3669



63.8201, 0.2464, 0.2865

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.



55.9161, 0.2337, 0.2558



55.9161, 0.4108, 0.3669



55.9161, 0.2344, 0.3210

Square

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



55.9161, 0.4108, 0.3669



55.9161, 0.3106, 0.4075



55.9161, 0.2235, 0.2796



55.9161, 0.3087, 0.2644

Rectangle

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



55.9161, 0.4108, 0.3669



55.9161, 0.3727, 0.4145



55.9161, 0.2235, 0.2796



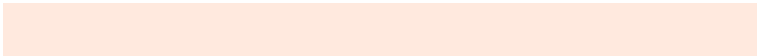
55.9161, 0.2516, 0.2507

Sweetspot

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



55.9111, 0.4108, 0.3669



84.5759, 0.3351, 0.3398



46.3665, 0.3491, 0.2525



17.5843, 0.3395, 0.3417



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.



55.9111, 0.4108, 0.3669



49.7258, 0.4381, 0.3736



82.4903, 0.3858, 0.4194



18.9485, 0.3286, 0.3368



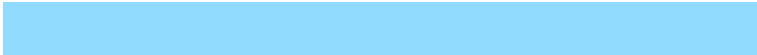
14.5544, 0.5905, 0.3693



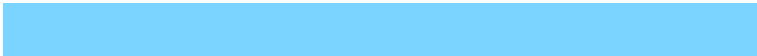
1.6058, 0.5685, 0.3868

Inverse Universe

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



63.8201, 0.2464, 0.2865



58.4795, 0.2350, 0.2766



39.8264, 0.2347, 0.2179



19.4303, 0.2980, 0.3211



19.5383, 0.1942, 0.2192



2.1011, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 55.9161, 0.4108, 0.3669 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 55.9161, 0.4108, 0.3669 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

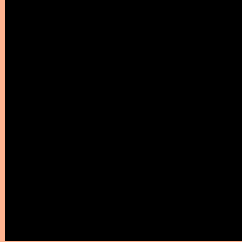
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.9161, 0.4108, 0.3669

Background



This preview shows how black text looks on a background with the Yxy color 55.9161, 0.4108, 0.3669.



This preview shows how white text looks on a background with the Yxy color 55.9161, 0.4108, 0.3669.

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

55.9161, 0.4108, 0.3669

Protanopia

56.0484, 0.3588, 0.3831

Deuteranopia

55.8406, 0.3899, 0.3819



Tritanopia

55.9415, 0.3726, 0.3166

Trichromacy



Original Color

55.9161, 0.4108, 0.3669

Protanomaly

55.7624, 0.3772, 0.3774

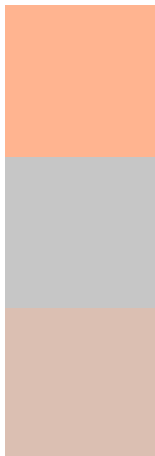
Deuteranomaly

55.9782, 0.3974, 0.3762

Tritanomaly

55.6828, 0.3869, 0.3345

Monochromacy



Original Color

55.9161, 0.4108, 0.3669

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5360, 0.3464, 0.3443

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.9161, 0.4108, 0.3669 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, 180, 144)` looks like.

```
.text, #text, p{  
    color:rgb(255, 180, 144)  
}
```

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, 180, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 180, 144) }
```

Border

The CSS property to change the border of an element to Yxy 55.9161, 0.4108, 0.3669 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, 180, 144) }
```

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

```
.border{ border-color:rgb(255, 180, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 180, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 180, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 180, 144);  
box-shadow:4px 4px 4px 4px rgb(255, 180,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 55.9161, 0.4108, 0.3669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 180, 144) }
```

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

```
.background{ background-color: rgb(255,  
180, 144) }
```

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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