

Converting Colors

$Y_{xy}(65.0091, 0.3810, 0.3594)$

Have a look what the booklet for
Yxy(65.0091, 0.3810, 0.3594)
contains.

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Color

Yxy(65.0091, 0.3810, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7AA
RGB	255, 199, 170
RGB Percent	100%, 78%, 67%
CMY	0.0001, 0.2196, 0.3332
CMYK	0.00, 0.22, 0.33, 0.00
HSL	20°, 100%, 83%
HSV	20°, 33%, 100%
XYZ	68.9162, 65.0091, 46.9570
YIQ	212.4380, 42.6850, 2.8530

Conversions

Conversions Part 2

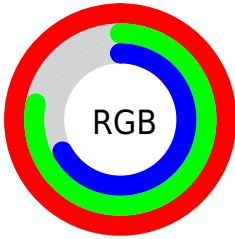
Format	Color
R _Y B	255, 214, 170
Decimal	16762794
CIE Lab	84.49, 16.05, 22.15
CIE LCh	84, 27.356, 54.073
Yxy	65.0091, 0.3810, 0.3594
Android (android.graphics.Color)	4294952874 (0xFFFFC7AA)
YUV	212.4380, -20.9219, 37.3269
Hunter-Lab	80.6282, 11.4717, 21.9099

Details

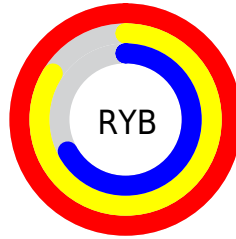
The Yxy color **65.0091, 0.3810, 0.3594** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.1579, 0.2610, 0.2962**, and the grayscale version is **66.2678, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2162, 0.3304, 0.3582**, and **33.4291, 0.3979, 0.3653** is the 20% darker color. If you saturate the color by 10%, you get **56.8298, 0.4092, 0.3687**, and if you desaturate by 10%, it is **74.2350, 0.3566, 0.3499**.

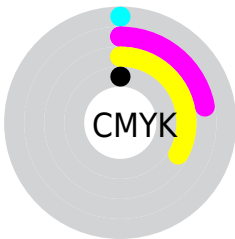
Distribution



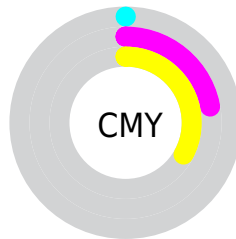
- Red (100%)
- Green (78%)
- Blue (67%)



- Red (100%)
- Yellow (84%)
- Blue (67%)



- Cyan (0%)
- Magenta (22%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (22%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 65.0091, 0.3810, 0.3594 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 65.0091, 0.3810, 0.3594 by changing the saturation by 10% instead.


 65.0091, 0.3810,
0.3594

 65.0091, 0.3810,
0.3594


442.8247, 0.3485,
0.3460

 47.4685, 0.3886,
0.3623


 112.0629, 0.3696,
0.3549

 33.4061, 0.3980,
0.3657


142.3449, 0.3652,
0.3531

 22.4378, 0.4101,
0.3697


177.6428, 0.3614,
0.3515

 14.1789, 0.4260,
0.3747

218.3410, 0.3581,
0.3502

 8.2452, 0.4478,
0.3805

264.8239, 0.3553,
0.3489

 4.2522, 0.4789,
0.3870

317.4759, 0.3528,

 1.8156, 0.5477,

0.3478

0.4078

376.6813, 0.3505,
0.3469

0.4969, 0.6350,
0.3650

0.0000, 0.0000,
0.0000

65.0091, 0.3810,
0.3594

65.0091, 0.3810,
0.3594

56.8298, 0.4092,
0.3687

74.2350, 0.3566,
0.3499

49.6495, 0.4410,
0.3769

84.5347, 0.3357,
0.3406

43.4302, 0.4756,
0.3831

95.9457, 0.3180,
0.3318

38.1277, 0.5112,
0.3859

99.9968, 0.3127,
0.3290

■ 33.6937, 0.5449,
0.3841

■ 30.0741, 0.5735,
0.3772

■ 28.0730, 0.5891,
0.3705

Harmonies

Analogous

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



65.0091, 0.3728, 0.3315



65.0091, 0.3810, 0.3594



65.0091, 0.3697, 0.3815

Triad

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



65.0091, 0.3810, 0.3594



65.0091, 0.2776, 0.3548



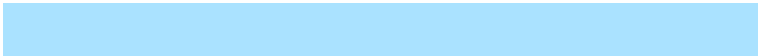
65.0091, 0.2805, 0.2735

Complementary

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



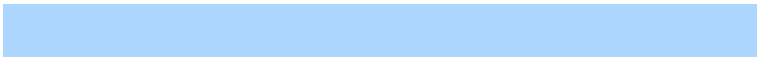
65.0091, 0.3810, 0.3594



70.1579, 0.2610, 0.2962

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.



65.0091, 0.2576, 0.2763



65.0091, 0.3810, 0.3594



65.0091, 0.2559, 0.3217

Square

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



65.0091, 0.3810, 0.3594



65.0091, 0.3093, 0.3809



65.0091, 0.2488, 0.2932



65.0091, 0.3132, 0.2837

Rectangle

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



65.0091, 0.3810, 0.3594



65.0091, 0.3532, 0.3893



65.0091, 0.2488, 0.2932



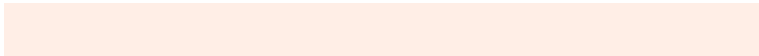
65.0091, 0.2715, 0.2729

Sweetspot

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



65.0122, 0.3810, 0.3594



88.2110, 0.3295, 0.3376



55.5427, 0.3396, 0.2716



18.5456, 0.3321, 0.3389



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.



65.0122, 0.3810, 0.3594



59.4417, 0.3994, 0.3657



86.9660, 0.3674, 0.3999



19.0001, 0.3286, 0.3372



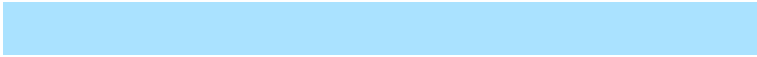
14.9186, 0.5861, 0.3728



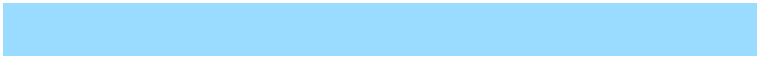
1.6460, 0.5642, 0.3902

Inverse Universe

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



70.1579, 0.2610, 0.2962



65.2828, 0.2511, 0.2884



50.1251, 0.2546, 0.2463



19.3764, 0.2980, 0.3207



18.6935, 0.1925, 0.2131



2.0232, 0.1966, 0.2278

Previews

White Background



This preview shows how the Yxy color 65.0091, 0.3810, 0.3594 looks on a white background.

Color Contrast Check

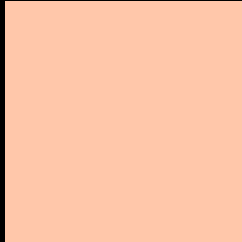
Large Text (above 18pt) WCAG AA × Fail

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 65.0091, 0.3810, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

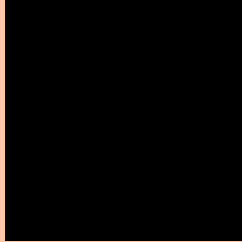
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 65.0091, 0.3810, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 65.0091, 0.3810, 0.3594.



This preview shows how white text looks on a background with the Yxy color 65.0091, 0.3810, 0.3594.

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

65.0091, 0.3810, 0.3594

Protanopia

65.4111, 0.3470, 0.3687

Deuteranopia

65.1693, 0.3731, 0.3655



Tritanopia

64.8937, 0.3505, 0.3147

Trichromacy



Original Color

65.0091, 0.3810, 0.3594

Protanomaly

65.3438, 0.3591, 0.3654

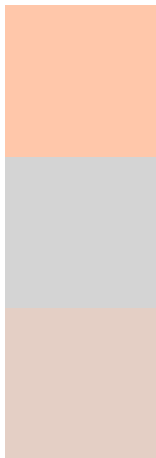
Deuteranomaly

65.2454, 0.3759, 0.3641

Tritanomaly

64.6800, 0.3616, 0.3302

Monochromacy



Original Color

65.0091, 0.3810, 0.3594

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

65.1508, 0.3361, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 65.0091, 0.3810, 0.3594 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, 199, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 170)  
}
```

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, 199, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 170) }
```

Border

The CSS property to change the border of an element to Yxy 65.0091, 0.3810, 0.3594 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, 199, 170) }
```

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

```
.border{ border-color:rgb(255, 199, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 65.0091, 0.3810, 0.3594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 170) }
```

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

```
.background{ background-color: rgb(255,  
199, 170) }
```

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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