

Converting Colors

$Yxy(63.5740, 0.4095, 0.3562)$

Have a look what the booklet for
Yxy(63.5740, 0.4095, 0.3562)
contains.

Yxy(59.7645, 0.3934, 0.3586)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(59.7645, 0.3934, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	FFBCA0
RGB	255, 188, 160
RGB Percent	100%, 74%, 63%
CMY	0.0000, 0.2627, 0.3726
CMYK	0.00, 0.26, 0.37, 0.00
HSL	18°, 100%, 81%
HSV	18°, 37%, 100%
XYZ	65.5643, 59.7645, 41.3318
YIQ	204.8410, 48.9200, 5.4960

Conversions

Conversions Part 2

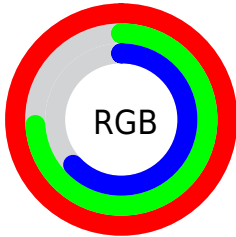
Format	Color
R _Y B	255, 200, 160
Decimal	16759968
CIE Lab	81.71, 20.62, 23.65
CIE LCh	82, 31.382, 48.915
Yxy	59.7645, 0.3934, 0.3586
Android (android.graphics.Color)	4294950048 (0xFFFFBCA0)
YUV	204.8410, -22.1066, 43.9894
Hunter-Lab	77.3075, 16.0973, 22.4163

Details

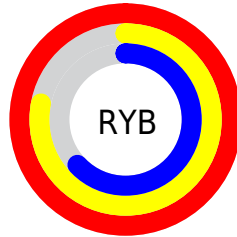
The Yxy color **59.7645, 0.3934, 0.3586** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **69.6102, 0.2559, 0.2969**, and the grayscale version is **61.0648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8677, 0.3380, 0.3577**, and **29.8687, 0.4145, 0.3641** is the 20% darker color. If you saturate the color by 10%, you get **51.7556, 0.4244, 0.3663**, and if you desaturate by 10%, it is **68.9188, 0.3666, 0.3504**.

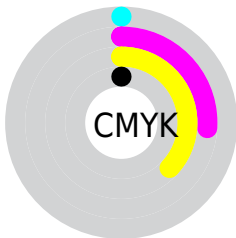
Distribution



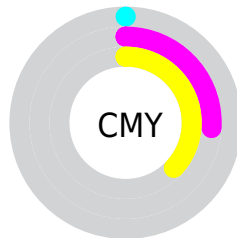
- Red (100%)
- Green (74%)
- Blue (63%)



- Red (100%)
- Yellow (78%)
- Blue (63%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (0%)





- Cyan (0%)
- Magenta (26%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7645, 0.3934, 0.3586 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 59.7645, 0.3934, 0.3586 by changing the saturation by 10% instead.

 59.7645, 0.3934,
0.3586


 59.7645, 0.3934,
0.3586

423.7292, 0.3544,
0.3458

 43.2288, 0.4026,
0.3612


 104.4880, 0.3796,
0.3544

 30.0647, 0.4142,
0.3643


 133.4446, 0.3743,
0.3527

 19.8877, 0.4291,
0.3678


167.3103, 0.3698,
0.3512

 12.3134, 0.4488,
0.3718

206.4695, 0.3659,
0.3498

 6.9575, 0.4760,
0.3760

251.3066, 0.3625,
0.3486

 3.4355, 0.5151,
0.3787

302.2060, 0.3595,

 1.3631, 0.6052,

0.3476

0.3948

359.5520, 0.3568,
0.3466

0.1893, 0.7831,
0.2169

0.0000, 0.0000,
0.0000

59.7645, 0.3934,
0.3586

59.7645, 0.3934,
0.3586

51.7556, 0.4244,
0.3663

68.9188, 0.3666,
0.3504

44.8374, 0.4592,
0.3728

79.2536, 0.3438,
0.3422

38.9629, 0.4966,
0.3768

90.8127, 0.3247,
0.3344

34.0783, 0.5340,
0.3771

99.9978, 0.3127,
0.3290

■ 30.1242, 0.5678,
0.3728

■ 27.0327, 0.5944,
0.3639

■ 26.3198, 0.6007,
0.3612

Harmonies

Analogous

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



59.7645, 0.3799, 0.3258



59.7645, 0.3934, 0.3586



59.7645, 0.3836, 0.3867

Triad

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



59.7645, 0.3934, 0.3586



59.7645, 0.2769, 0.3659



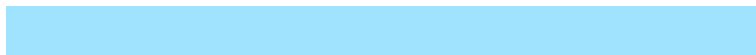
59.7645, 0.2692, 0.2637

Complementary

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



59.7645, 0.3934, 0.3586



69.6102, 0.2559, 0.2969

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.



59.7645, 0.2452, 0.2694



59.7645, 0.3934, 0.3586



59.7645, 0.2493, 0.3266

Square

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



59.7645, 0.3934, 0.3586



59.7645, 0.3152, 0.3945



59.7645, 0.2382, 0.2913



59.7645, 0.3060, 0.2733

Rectangle

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



59.7645, 0.3934, 0.3586



59.7645, 0.3658, 0.3985



59.7645, 0.2382, 0.2913



59.7645, 0.2595, 0.2638

Sweetspot

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



59.7674, 0.3934, 0.3586



86.3486, 0.3315, 0.3372



52.0009, 0.3395, 0.2604



18.1446, 0.3340, 0.3383



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.



59.7674, 0.3934, 0.3586



53.4717, 0.4170, 0.3647



82.8720, 0.3759, 0.4039



18.8602, 0.3287, 0.3361



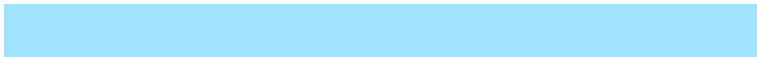
13.9778, 0.5978, 0.3636



1.5408, 0.5757, 0.3811

Inverse Universe

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



69.6102, 0.2559, 0.2969



64.6091, 0.2451, 0.2889



47.5655, 0.2477, 0.2405



19.5232, 0.2980, 0.3218



21.0539, 0.1971, 0.2297



2.2398, 0.2007, 0.2423

Previews

White Background



This preview shows how the Yxy color 59.7645, 0.3934, 0.3586 looks on a white background.

Color Contrast Check

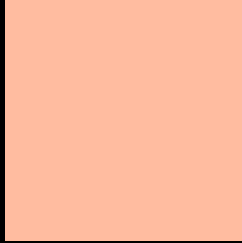
Large Text (above 18pt) WCAG AA × Fail

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 59.7645, 0.3934, 0.3586 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 59.7645, 0.3934, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 59.7645, 0.3934, 0.3586.



This preview shows how white text looks on a background with the Yxy color 59.7645, 0.3934, 0.3586.

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

59.7645, 0.3934, 0.3586

Protanopia

59.9490, 0.3490, 0.3713

Deuteranopia

59.7106, 0.3771, 0.3689



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.7645, 0.3934, 0.3586

Protanomaly

59.8915, 0.3653, 0.3675

Deuteranomaly

59.4356, 0.3833, 0.3650

Tritanomaly

59.4186, 0.3737, 0.3302

Monochromacy



Original Color

59.7645, 0.3934, 0.3586

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

60.2089, 0.3395, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7645, 0.3934, 0.3586 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, 188, 160)` looks like.

```
.text, #text, p{  
    color:rgb(255, 188, 160)  
}
```

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, 188, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 188, 160) }
```

Border

The CSS property to change the border of an element to Yxy 59.7645, 0.3934, 0.3586 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, 188, 160) }
```

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

```
.border{ border-color:rgb(255, 188, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 188, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 188, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 188, 160);  
box-shadow:4px 4px 4px 4px rgb(255, 188,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7645, 0.3934, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 188, 160) }
```

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

```
.background{ background-color: rgb(255,  
188, 160) }
```

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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