

Converting Colors

$Y_{xy}(82.7460, 0.3606, 0.3781)$

Have a look what the booklet for
Yxy(82.7460, 0.3606, 0.3781)
contains.

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Color

Yxy(82.9985, 0.3605, 0.3786)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FFE9B8 |
| RGB | 255, 233, 184 |
| RGB Percent | 100%, 91%, 72% |
| CMY | 0.0000, 0.0863, 0.2785 |
| CMYK | 0.00, 0.09, 0.28, 0.00 |
| HSL | 41°, 100%, 86% |
| HSV | 41°, 28%, 100% |
| XYZ | 79.0305, 82.9985, 57.1957 |
| YIQ | 233.9920, 28.8410, -10.5750 |

Conversions

Conversions Part 2

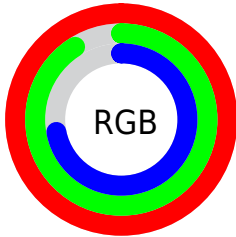
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 216, 255, 184 |
| Decimal | 16771512 |
| CIE Lab | 93.01, 0.28, 26.58 |
| CIE LCh | 93, 26.583, 89.389 |
| Yxy | 82.9985, 0.3605, 0.3786 |
| Android (android.graphics.Color) | 4294961592 (0xFFFFE9B8) |
| YUV | 233.9920, -24.6461, 18.4240 |
| Hunter-Lab | 91.1035, -4.5859, 26.5496 |

Details

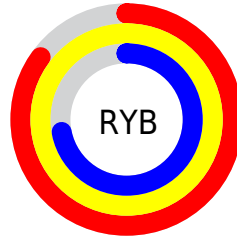
The Yxy color **82.9985, 0.3605, 0.3786** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.5439, 0.2664, 0.2738**, and the grayscale version is **82.4479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **45.0887, 0.3713, 0.3884** is the 20% darker color. If you saturate the color by 10%, you get **77.6544, 0.3802, 0.3968**, and if you desaturate by 10%, it is **88.7417, 0.3420, 0.3603**.

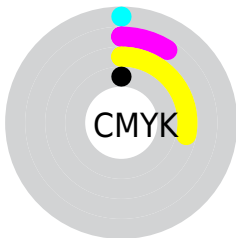
Distribution



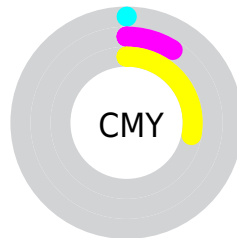
- Red (100%)
- Green (91%)
- Blue (72%)



- Red (85%)
- Yellow (100%)
- Blue (72%)



- Cyan (0%)
- Magenta (9%)
- Yellow (28%)
- Black (0%)





- Cyan (0%)
- Magenta (9%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9985, 0.3605, 0.3786 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 82.9985, 0.3605, 0.3786 by changing the saturation by 10% instead.

 82.9985, 0.3605,
0.3786

 82.9985, 0.3605,
0.3786


504.9815, 0.3390,
0.3563

 62.1889, 0.3652,
0.3835


 137.5734, 0.3532,
0.3710

 45.1854, 0.3709,
0.3894


172.1074, 0.3503,
0.3680

 31.6035, 0.3780,
0.3967


211.9851, 0.3478,
0.3654

 21.0588, 0.3870,
0.4060

257.5908, 0.3456,
0.3632

 13.1670, 0.3986,
0.4179

309.3089, 0.3437,
0.3612

 7.5436, 0.4140,
0.4338

367.5238, 0.3420,

 3.8043, 0.4350,

0.3594

0.4554

432.6199, 0.3404,
0.3578

■ 1.5647, 0.4890,
0.5110

■ 0.3336, 0.4927,
0.5073

■ 82.9985, 0.3605,
0.3786

■ 82.9985, 0.3605,
0.3786

■ 77.6544, 0.3802,
0.3968

■ 88.7417, 0.3420,
0.3603

■ 72.6872, 0.4007,
0.4141

■ 94.8868, 0.3250,
0.3424

■ 68.0860, 0.4213,
0.4294

100.0000, 0.3127,
0.3290

■ 63.8355, 0.4411,
0.4417

■ 59.9187, 0.4590,
0.4498

■ 56.3158, 0.4742,
0.4529

■ 53.0013, 0.4862,
0.4510

■ 52.3182, 0.4886,
0.4503

Harmonies

Analogous

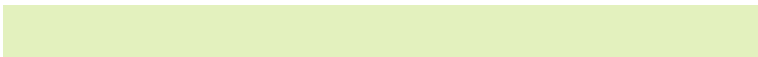
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9985, 0.3733, 0.3607



82.9985, 0.3605, 0.3786



82.9985, 0.3350, 0.3835

Triad

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



82.9985, 0.3605, 0.3786



82.9985, 0.2594, 0.3176



82.9985, 0.3189, 0.2909

Complementary

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



82.9985, 0.3605, 0.3786



61.5439, 0.2664, 0.2738

Split Complementary

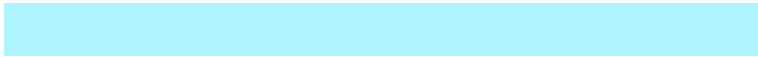
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9985, 0.2886, 0.2797



82.9985, 0.3605, 0.3786



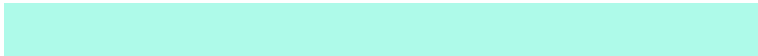
82.9985, 0.2555, 0.2935

Square

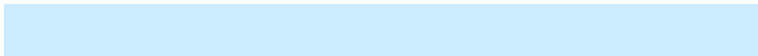
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9985, 0.3605, 0.3786



82.9985, 0.2769, 0.3470



82.9985, 0.2659, 0.2803



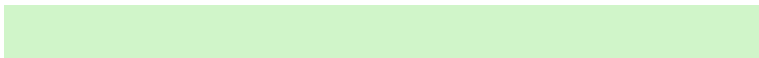
82.9985, 0.3487, 0.3111

Rectangle

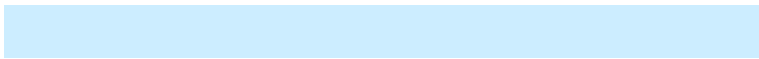
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9985, 0.3605, 0.3786



82.9985, 0.3146, 0.3776



82.9985, 0.2659, 0.2803



82.9985, 0.3084, 0.2860

Sweetspot

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



83.0016, 0.3605, 0.3786



94.7897, 0.3252, 0.3427



60.0163, 0.3546, 0.3059



20.0856, 0.3277, 0.3453



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

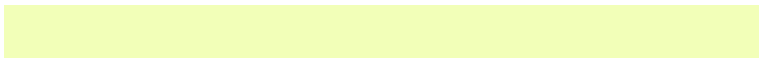
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.0016, 0.3605, 0.3786



80.1979, 0.3705, 0.3880



93.8542, 0.3462, 0.4010



20.0856, 0.3277, 0.3453



27.6152, 0.4871, 0.4514



2.8833, 0.4775, 0.4591

Inverse Universe

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



61.5439, 0.2664, 0.2738



55.7544, 0.2571, 0.2618



53.3683, 0.2728, 0.2501



18.2954, 0.2979, 0.3121



6.9248, 0.1616, 0.1017



0.8587, 0.1677, 0.1237

Previews

White Background



This preview shows how the Yxy color 82.9985, 0.3605, 0.3786 looks on a white background.

Color Contrast Check

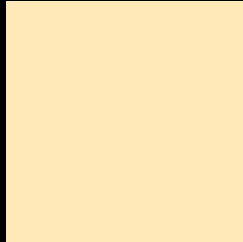
Large Text (above 18pt) WCAG AA × Fail

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 82.9985, 0.3605, 0.3786 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

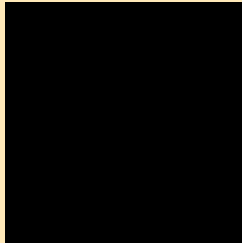
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.9985, 0.3605, 0.3786

Background



This preview shows how black text looks on a background with the Yxy color 82.9985, 0.3605, 0.3786.



This preview shows how white text looks on a background with the Yxy color 82.9985, 0.3605, 0.3786.

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

82.9985, 0.3605, 0.3786

Protanopia

83.2434, 0.3557, 0.3801

Deuteranopia

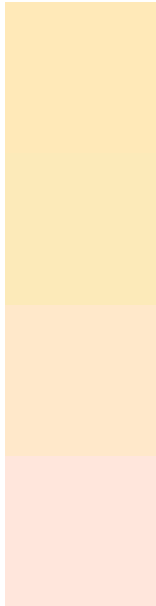
83.2159, 0.3413, 0.3471



Tritanopia

83.0977, 0.3230, 0.3163

Trichromacy



Original Color

82.9985, 0.3605, 0.3786

Protanomaly

83.0439, 0.3574, 0.3789

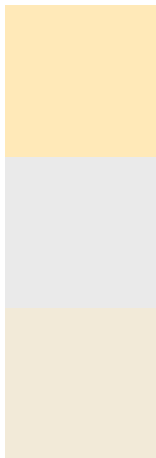
Deuteranomaly

83.2375, 0.3486, 0.3593

Tritanomaly

83.0209, 0.3367, 0.3390

Monochromacy



Original Color

82.9985, 0.3605, 0.3786

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

82.6808, 0.3297, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9985, 0.3605, 0.3786 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, 233, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 233, 184)  
}
```

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, 233, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 233, 184) }
```

Border

The CSS property to change the border of an element to Yxy 82.9985, 0.3605, 0.3786 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, 233, 184) }
```

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

```
.border{ border-color:rgb(255, 233, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 233, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 233, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 233, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 233,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9985, 0.3605, 0.3786 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 233, 184) }
```

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

```
.background{ background-color: rgb(255,  
233, 184) }
```

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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