

Converting Colors

$Yxy(83.1593, 0.3529, 0.3663)$

Have a look what the booklet for
Yxy(83.1593, 0.3529, 0.3663)
contains.

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Color

Yxy(82.9134, 0.3533, 0.3664)

Conversions

Conversions Part 1

Format	Color
Hex	FFE8C3
RGB	255, 232, 195
RGB Percent	100%, 91%, 76%
CMY	0.0000, 0.0902, 0.2352
CMYK	0.00, 0.09, 0.24, 0.00
HSL	37°, 100%, 88%
HSV	37°, 24%, 100%
XYZ	79.9490, 82.9134, 63.4297
YIQ	234.6590, 25.5850, -6.6310

Conversions

Conversions Part 2

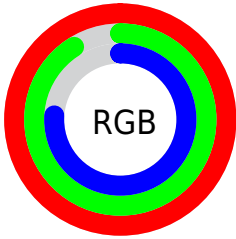
Format	Color
R _Y B	232, 255, 195
Decimal	16771267
CIE Lab	92.98, 2.26, 20.86
CIE LCh	93, 20.978, 83.819
Yxy	82.9134, 0.3533, 0.3664
Android (android.graphics.Color)	4294961347 (0xFFFFE8C3)
YUV	234.6590, -19.5519, 17.8391
Hunter-Lab	91.0568, -2.6242, 22.4387

Details

The Yxy color **82.9134, 0.3533, 0.3664** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **68.9746, 0.2745, 0.2885**, and the grayscale version is **82.9447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **44.9795, 0.3630, 0.3743** is the 20% darker color. If you saturate the color by 10%, you get **76.5080, 0.3736, 0.3830**, and if you desaturate by 10%, it is **89.8285, 0.3348, 0.3500**.

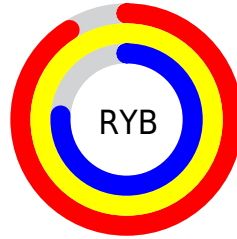
Distribution



Red (100%)

Green (91%)

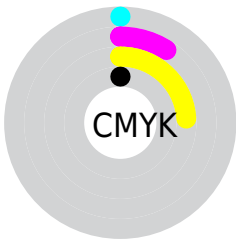
Blue (76%)



Red (91%)

Yellow (100%)

Blue (76%)

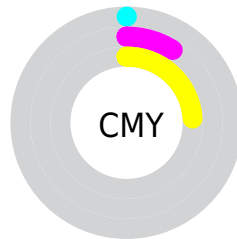


Cyan (0%)

Magenta (9%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9134, 0.3533, 0.3664 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 82.9134, 0.3533, 0.3664 by changing the saturation by 10% instead.

 82.9134, 0.3533,
0.3664

 82.9134, 0.3533,
0.3664


504.6979, 0.3350,
0.3496

 62.1187, 0.3574,
0.3701

137.4542, 0.3470,
0.3607

 45.1286, 0.3623,
0.3746


171.9690, 0.3446,
0.3584

 31.5588, 0.3685,
0.3801


211.8261, 0.3424,
0.3565

 21.0247, 0.3764,
0.3872

257.4097, 0.3406,
0.3548

 13.1421, 0.3869,
0.3964

309.1043, 0.3389,
0.3533

 7.5264, 0.4012,
0.4088

367.2943, 0.3374,

 3.7935, 0.4216,

0.3519

0.4262

432.3640, 0.3361,
0.3507

■ 1.5587, 0.4843,
0.4828

■ 0.3295, 0.5278,
0.4722

■ 82.9134, 0.3533,
0.3664

■ 82.9134, 0.3533,
0.3664

■ 76.5080, 0.3736,
0.3830

■ 89.8285, 0.3348,
0.3500

■ 70.5876, 0.3954,
0.3991

■ 97.2576, 0.3181,
0.3343

■ 65.1394, 0.4183,
0.4139

100.0000, 0.3127,
0.3290

■ 60.1464, 0.4413,
0.4263

■ 55.5896, 0.4634,
0.4349

■ 51.4480, 0.4833,
0.4388

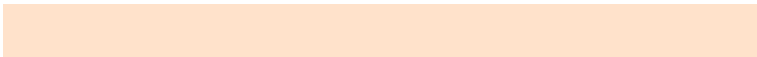
■ 47.6968, 0.5000,
0.4373

■ 45.4549, 0.5092,
0.4339

Harmonies

Analogous

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



82.9134, 0.3609, 0.3511



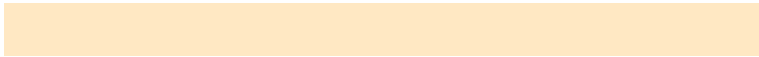
82.9134, 0.3533, 0.3664



82.9134, 0.3348, 0.3720

Triad

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



82.9134, 0.3533, 0.3664



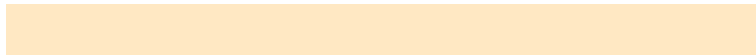
82.9134, 0.2722, 0.3245



82.9134, 0.3131, 0.2962

Complementary

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



82.9134, 0.3533, 0.3664



68.9746, 0.2745, 0.2885

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.



82.9134, 0.2898, 0.2890



82.9134, 0.3533, 0.3664



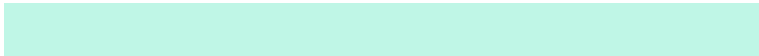
82.9134, 0.2668, 0.3042

Square

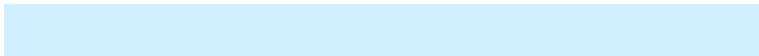
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9134, 0.3533, 0.3664



82.9134, 0.2880, 0.3473



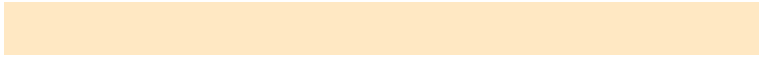
82.9134, 0.2731, 0.2915



82.9134, 0.3372, 0.3114

Rectangle

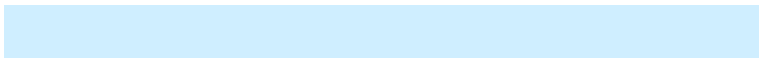
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9134, 0.3533, 0.3664



82.9134, 0.3190, 0.3688



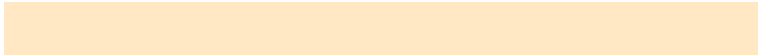
82.9134, 0.2731, 0.2915



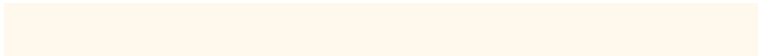
82.9134, 0.3049, 0.2928

Sweetspot

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



82.9167, 0.3533, 0.3664



94.6144, 0.3237, 0.3397



65.4135, 0.3425, 0.3046



20.1546, 0.3247, 0.3406



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.



82.9167, 0.3533, 0.3664



79.9857, 0.3622, 0.3738



95.6010, 0.3444, 0.3888



19.8524, 0.3279, 0.3436



24.0490, 0.5073, 0.4354



2.5531, 0.4945, 0.4455

Inverse Universe

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



68.9746, 0.2745, 0.2885



63.9362, 0.2668, 0.2796



58.6783, 0.2765, 0.2631



18.5193, 0.2979, 0.3139



8.5800, 0.1670, 0.1210



1.0389, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 82.9134, 0.3533, 0.3664 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 82.9134, 0.3533, 0.3664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

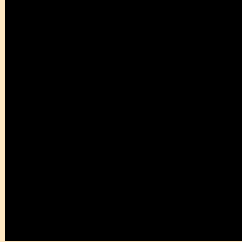
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.9134, 0.3533, 0.3664

Background



This preview shows how black text looks on a background with the Yxy color 82.9134, 0.3533, 0.3664.

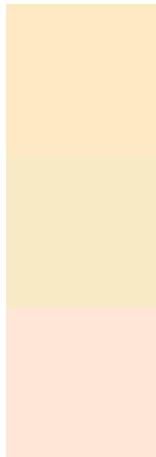


This preview shows how white text looks on a background with the Yxy color 82.9134, 0.3533, 0.3664.

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

82.9134, 0.3533, 0.3664

Protanopia

82.7876, 0.3471, 0.3680

Deuteranopia

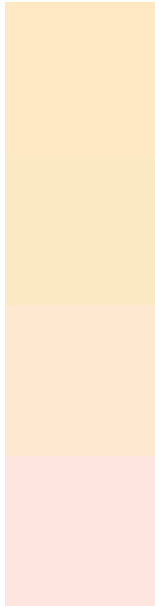
82.7599, 0.3401, 0.3441



Tritanopia

83.0977, 0.3230, 0.3163

Trichromacy



Original Color

82.9134, 0.3533, 0.3664

Protanomaly

82.7726, 0.3495, 0.3667

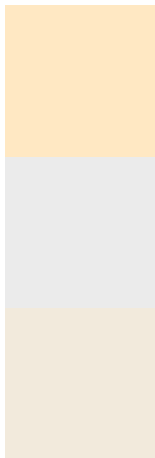
Deuteranomaly

82.9659, 0.3447, 0.3522

Tritanomaly

82.6804, 0.3342, 0.3340

Monochromacy



Original Color

82.9134, 0.3533, 0.3664

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

82.8902, 0.3271, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9134, 0.3533, 0.3664 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, 232, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 232, 195)  
}
```

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, 232, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 232, 195) }
```

Border

The CSS property to change the border of an element to Yxy 82.9134, 0.3533, 0.3664 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, 232, 195) }
```

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

```
.border{ border-color:rgb(255, 232, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 232, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 232, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 232, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 232,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9134, 0.3533, 0.3664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 232, 195) }
```

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

```
.background{ background-color: rgb(255,  
232, 195) }
```

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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