

Converting Colors

$Yxy(82.7659, 0.3457, 0.3534)$

Have a look what the booklet for
Yxy(82.7659, 0.3457, 0.3534)
contains.

Yxy(82.9168, 0.3454, 0.3532)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.9168, 0.3454, 0.3532)

Conversions

Conversions Part 1

Format	Color
Hex	FFE7CF
RGB	255, 231, 207
RGB Percent	100%, 91%, 81%
CMY	0.0000, 0.0941, 0.1883
CMYK	0.00, 0.09, 0.19, 0.00
HSL	30°, 100%, 91%
HSV	30°, 19%, 100%
XYZ	81.0857, 82.9168, 70.7563
YIQ	235.4400, 22.0080, -2.3760

Conversions

Conversions Part 2

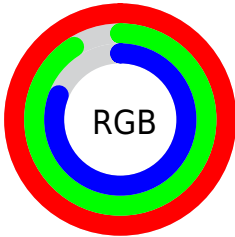
Format	Color
R _Y B	255, 255, 207
Decimal	16771023
CIE Lab	92.98, 4.48, 14.66
CIE LCh	93, 15.329, 73.012
Yxy	82.9168, 0.3454, 0.3532
Android (android.graphics.Color)	4294961103 (0xFFFFE7CF)
YUV	235.4400, -14.0209, 17.1541
Hunter-Lab	91.0587, -0.4024, 17.6703

Details

The Yxy color **82.9168, 0.3454, 0.3532** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **77.6336, 0.2829, 0.3035**, and the grayscale version is **83.5239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.9656, 0.3527, 0.3574** is the 20% darker color. If you saturate the color by 10%, you get **74.8876, 0.3662, 0.3668**, and if you desaturate by 10%, it is **91.6631, 0.3270, 0.3400**.

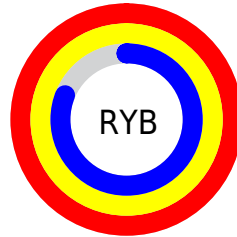
Distribution



Red (100%)

Green (91%)

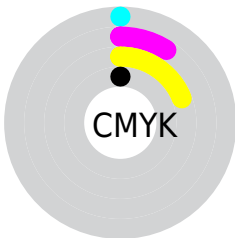
Blue (81%)



Red (100%)

Yellow (100%)

Blue (81%)

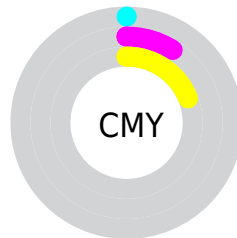


Cyan (0%)

Magenta (9%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (9%)


Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9168, 0.3454, 0.3532 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 82.9168, 0.3454, 0.3532 by changing the saturation by 10% instead.


 82.9168, 0.3454,
0.3532

 82.9168, 0.3454,
0.3532


504.7092, 0.3306,
0.3424

 62.1215, 0.3487,
0.3556


137.4589, 0.3403,
0.3495

 45.1309, 0.3528,
0.3585


171.9746, 0.3383,
0.3481

 31.5605, 0.3579,
0.3620


211.8324, 0.3366,
0.3468

 21.0261, 0.3644,
0.3666

257.4169, 0.3351,
0.3457

 13.1430, 0.3732,
0.3726

309.1125, 0.3337,
0.3447

 7.5271, 0.3854,
0.3807

367.3034, 0.3326,

 3.7939, 0.4035,

0.3439

0.3923

432.3742, 0.3315,
0.3431

■ 1.5589, 0.4397,
0.4162

■ 0.3297, 0.5618,
0.4382

■ 82.9168, 0.3454,
0.3532

■ 82.9168, 0.3454,
0.3532

■ 74.8876, 0.3662,
0.3668

■ 91.6631, 0.3270,
0.3400

■ 67.5611, 0.3896,
0.3804

100.0000, 0.3127,
0.3290

■ 60.9135, 0.4152,
0.3933

■ 54.9216, 0.4425,
0.4043

■ 49.5603, 0.4704,
0.4124

■ 44.8025, 0.4973,
0.4161

■ 40.6177, 0.5214,
0.4145

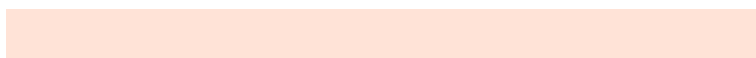
■ 36.9670, 0.5414,
0.4075

■ 36.5692, 0.5436,
0.4066

Harmonies

Analogous

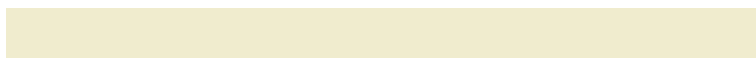
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9168, 0.3473, 0.3405



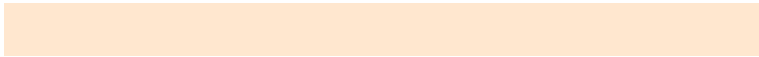
82.9168, 0.3454, 0.3532



82.9168, 0.3345, 0.3598

Triad

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



82.9168, 0.3454, 0.3532



82.9168, 0.2864, 0.3319



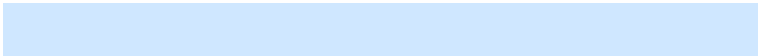
82.9168, 0.3067, 0.3020

Complementary

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



82.9168, 0.3454, 0.3532



77.6336, 0.2829, 0.3035

Split Complementary

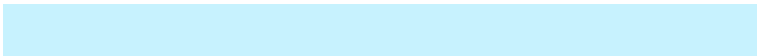
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.9168, 0.2908, 0.2993



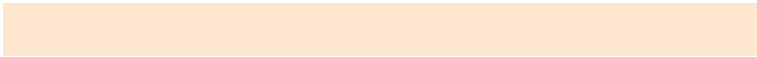
82.9168, 0.3454, 0.3532



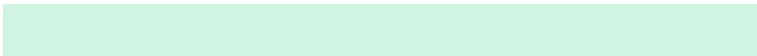
82.9168, 0.2793, 0.3160

Square

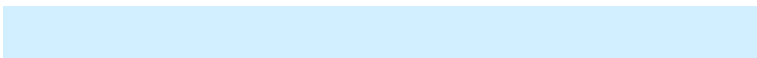
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.9168, 0.3454, 0.3532



82.9168, 0.3004, 0.3476



82.9168, 0.2809, 0.3042



82.9168, 0.3246, 0.3114

Rectangle

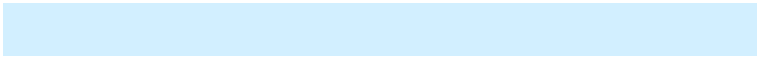
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9168, 0.3454, 0.3532



82.9168, 0.3239, 0.3596



82.9168, 0.2809, 0.3042



82.9168, 0.3009, 0.3003

Sweetspot

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



82.9147, 0.3454, 0.3532



94.2694, 0.3222, 0.3364



71.6512, 0.3319, 0.3050



20.0475, 0.3233, 0.3373



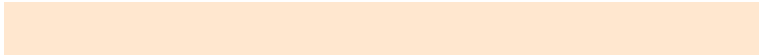
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.9147, 0.3454, 0.3532



79.4780, 0.3538, 0.3589



97.2846, 0.3412, 0.3761



19.4878, 0.3282, 0.3409



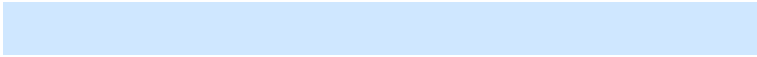
19.4068, 0.5411, 0.4086



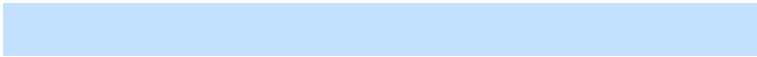
2.1080, 0.5235, 0.4226

Inverse Universe

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



77.6336, 0.2829, 0.3035



73.2184, 0.2760, 0.2972



65.1062, 0.2814, 0.2772



18.8784, 0.2979, 0.3168



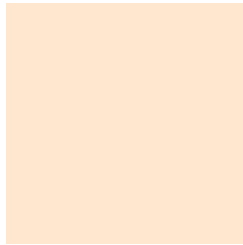
12.0696, 0.1771, 0.1574



1.3936, 0.1828, 0.1779

Previews

White Background



This preview shows how the Yxy color 82.9168, 0.3454, 0.3532 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 82.9168, 0.3454, 0.3532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

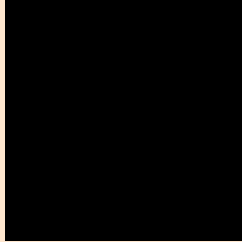
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.9168, 0.3454, 0.3532

Background



This preview shows how black text looks on a background with the Yxy color 82.9168, 0.3454, 0.3532.



This preview shows how white text looks on a background with the Yxy color 82.9168, 0.3454, 0.3532.

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

82.9168, 0.3454, 0.3532

Protanopia

82.8616, 0.3364, 0.3547

Deuteranopia

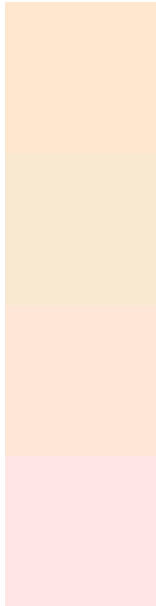
82.9681, 0.3374, 0.3401



Tritanopia

83.1576, 0.3223, 0.3153

Trichromacy



Original Color

82.9168, 0.3454, 0.3532

Protanomaly

82.9716, 0.3400, 0.3545

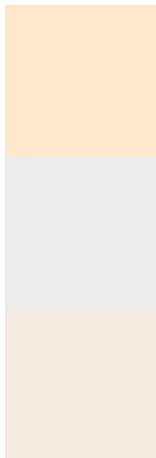
Deuteranomaly

82.7599, 0.3401, 0.3441

Tritanomaly

82.9558, 0.3308, 0.3291

Monochromacy



Original Color

82.9168, 0.3454, 0.3532

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.1591, 0.3239, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9168, 0.3454, 0.3532 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, 231, 207)` looks like.

```
.text, #text, p{  
    color:rgb(255, 231, 207)  
}
```

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, 231, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 231, 207) }
```

Border

The CSS property to change the border of an element to Yxy 82.9168, 0.3454, 0.3532 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, 231, 207) }
```

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

```
.border{ border-color:rgb(255, 231, 207) }
```

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

Here you see how a box with a 4 pixel rgb(255, 231, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 231, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 231, 207);  
box-shadow:4px 4px 4px 4px rgb(255, 231,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9168, 0.3454, 0.3532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 231, 207) }
```

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

```
.background{ background-color: rgb(255,  
231, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor