

Converting Colors

$Yxy(83.5027, 0.3355, 0.3430)$

Have a look what the booklet for
Yxy(83.5027, 0.3355, 0.3430)
contains.

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Color

Yxy(83.4706, 0.3357, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	FCE8DA
RGB	252, 232, 218
RGB Percent	99%, 91%, 85%
CMY	0.0116, 0.0902, 0.1451
CMYK	0.00, 0.08, 0.14, 0.01
HSL	25°, 85%, 92%
HSV	25°, 14%, 99%
XYZ	81.6703, 83.4706, 78.1427
YIQ	236.3840, 16.4140, -0.1140

Conversions

Conversions Part 2

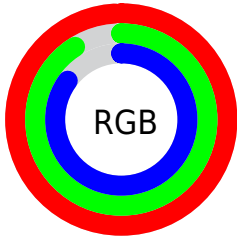
Format	Color
R _Y B	252, 242, 218
Decimal	16574682
CIE Lab	93.22, 4.57, 9.25
CIE LCh	93, 10.316, 63.691
Yxy	83.4706, 0.3357, 0.3431
Android (android.graphics.Color)	4294764762 (0xFFFC E8DA)
YUV	236.3840, -9.0633, 13.6952
Hunter-Lab	91.3622, -0.3197, 13.2425

Details

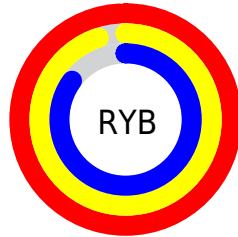
The Yxy color **83.4706, 0.3357, 0.3431** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.1287, 0.2916, 0.3145**, and the grayscale version is **84.2585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.2971, 0.3408, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **74.2416, 0.3560, 0.3542**, and if you desaturate by 10%, it is **93.6144, 0.3182, 0.3325**.

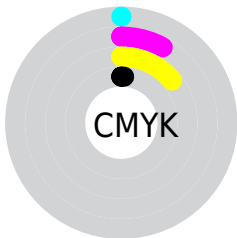
Distribution



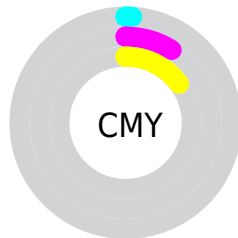
- Red (99%)
- Green (91%)
- Blue (85%)



- Red (99%)
- Yellow (95%)
- Blue (85%)



- Cyan (0%)
- Magenta (8%)
- Yellow (14%)
- Black (1%)





- Cyan (1%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.4706, 0.3357, 0.3431 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 83.4706, 0.3357, 0.3431 by changing the saturation by 10% instead.

 83.4706, 0.3357,
0.3431

 83.4706, 0.3357,
0.3431


506.5536, 0.3253,
0.3368

 62.5784, 0.3380,
0.3445


138.2344, 0.3321,
0.3410

 45.5003, 0.3409,
0.3462


172.8748, 0.3307,
0.3401

 31.8516, 0.3445,
0.3483


212.8668, 0.3295,
0.3394

 21.2482, 0.3491,
0.3509

258.5947, 0.3284,
0.3387

 13.3056, 0.3553,
0.3544

310.4429, 0.3275,
0.3382

 7.6393, 0.3640,
0.3593

368.7959, 0.3267,

 3.8650, 0.3772,

0.3377

0.3663

434.0380, 0.3259,
0.3372

■ 1.5983, 0.3991,
0.3773

■ 0.3565, 0.5582,
0.4418

■ 83.4706, 0.3357,
0.3431

■ 83.4706, 0.3357,
0.3431

■ 74.2416, 0.3560,
0.3542

■ 93.6144, 0.3182,
0.3325

■ 65.8900, 0.3794,
0.3656

■ 99.4447, 0.3109,
0.3290

■ 58.3917, 0.4060,
0.3767

■ 51.7171, 0.4354,
0.3866

■ 45.8350, 0.4670,
0.3944

■ 40.7116, 0.4991,
0.3986

■ 36.3099, 0.5294,
0.3981

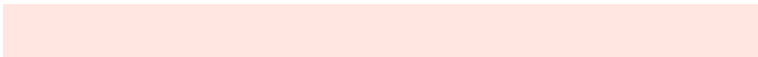
■ 32.5884, 0.5555,
0.3920

■ 30.5066, 0.5698,
0.3858

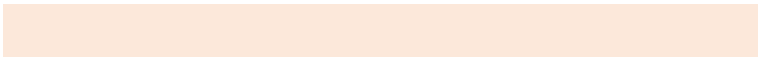
Harmonies

Analogous

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



83.4706, 0.3349, 0.3338



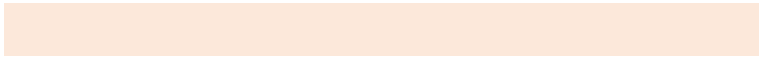
83.4706, 0.3357, 0.3431



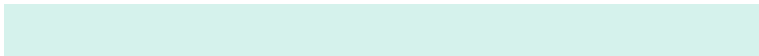
83.4706, 0.3302, 0.3489

Triad

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



83.4706, 0.3357, 0.3431



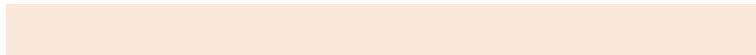
83.4706, 0.2975, 0.3345



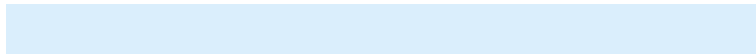
83.4706, 0.3051, 0.3096

Complementary

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



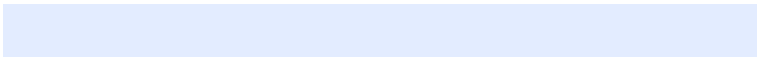
83.4706, 0.3357, 0.3431



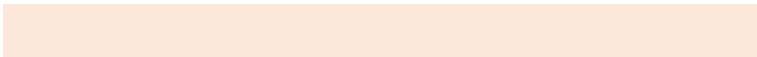
83.1287, 0.2916, 0.3145

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.



83.4706, 0.2953, 0.3094



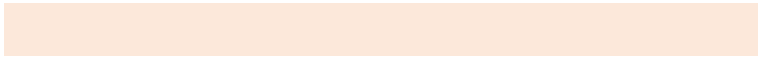
83.4706, 0.3357, 0.3431



83.4706, 0.2910, 0.3236

Square

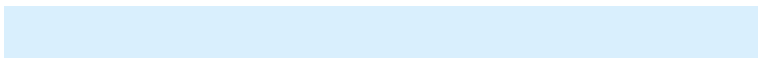
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.4706, 0.3357, 0.3431



83.4706, 0.3081, 0.3440



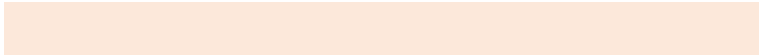
83.4706, 0.2902, 0.3144



83.4706, 0.3171, 0.3147

Rectangle

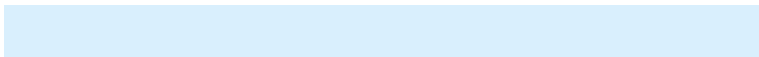
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.4706, 0.3357, 0.3431



83.4706, 0.3238, 0.3498



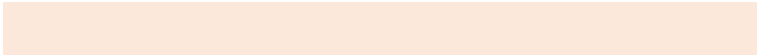
83.4706, 0.2902, 0.3144



83.4706, 0.3015, 0.3089

Sweetspot

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



83.4743, 0.3357, 0.3431



95.5848, 0.3190, 0.3331



77.0515, 0.3234, 0.3087



20.2850, 0.3203, 0.3338



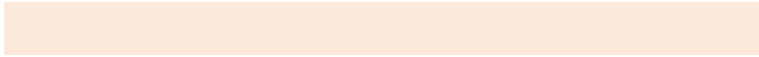
0.0000, 0.0000, 0.0000



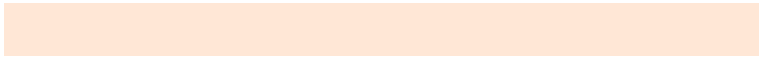
21.4041, 0.3127, 0.3290

Same Dimension

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



83.4743, 0.3357, 0.3431



83.2521, 0.3405, 0.3458



93.2995, 0.3334, 0.3593



18.3959, 0.3284, 0.3388



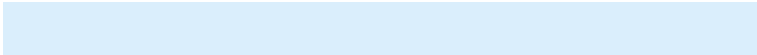
16.1575, 0.5669, 0.3881



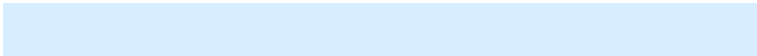
1.6994, 0.5453, 0.4052

Inverse Universe

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



83.1287, 0.2916, 0.3145



82.8379, 0.2877, 0.3116



73.8705, 0.2911, 0.2968



18.3434, 0.2980, 0.3190



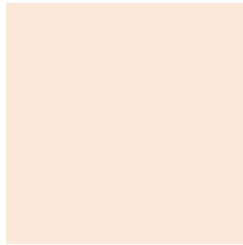
15.0752, 0.1857, 0.1884



1.6049, 0.1908, 0.2068

Previews

White Background



This preview shows how the Yxy color 83.4706, 0.3357, 0.3431 looks on a white background.

Color Contrast Check

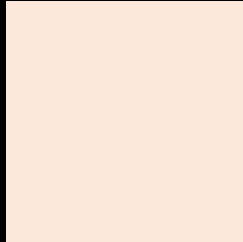
Large Text (above 18pt) WCAG AA × Fail

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 83.4706, 0.3357, 0.3431 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

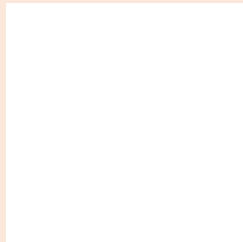
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.4706, 0.3357, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 83.4706, 0.3357, 0.3431.

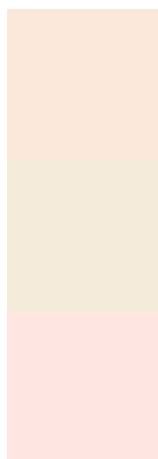


This preview shows how white text looks on a background with the Yxy color 83.4706, 0.3357, 0.3431.

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

83.4706, 0.3357, 0.3431

Protanopia

83.7642, 0.3290, 0.3454

Deuteranopia

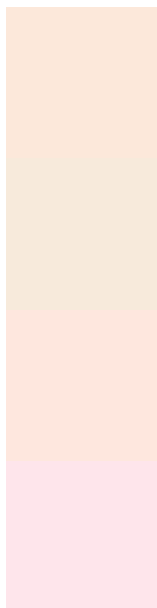
83.2899, 0.3334, 0.3340



Tritanopia

83.3394, 0.3204, 0.3124

Trichromacy



Original Color

83.4706, 0.3357, 0.3431

Protanomaly

83.7343, 0.3312, 0.3443

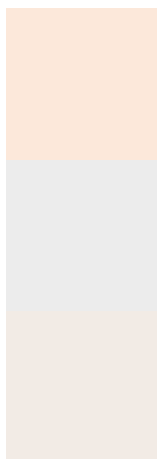
Deuteranomaly

83.4966, 0.3346, 0.3380

Tritanomaly

83.1076, 0.3261, 0.3231

Monochromacy



Original Color

83.4706, 0.3357, 0.3431

Achromatopsia

83.8799, 0.3127, 0.3290

Achromatomaly

83.9510, 0.3212, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.4706, 0.3357, 0.3431 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(252, 232, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 232, 218)  
}
```

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(252, 232, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 232, 218) }
```

Border

The CSS property to change the border of an element to Yxy 83.4706, 0.3357, 0.3431 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(252, 232, 218) }
```

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

```
.border{ border-color:rgb(252, 232, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 232, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 232, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 232, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 232,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 83.4706, 0.3357, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 232, 218) }
```

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

```
.background{ background-color: rgb(252,  
232, 218) }
```

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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