

Converting Colors

$Yxy(86.6770, 0.3418, 0.3556)$

Have a look what the booklet for
Yxy(86.6770, 0.3418, 0.3556)
contains.

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Color

Yxy(86.5315, 0.3417, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	FFEDD3
RGB	255, 237, 211
RGB Percent	100%, 93%, 83%
CMY	0.0000, 0.0706, 0.1726
CMYK	0.00, 0.07, 0.17, 0.00
HSL	35°, 100%, 91%
HSV	35°, 17%, 100%
XYZ	83.2896, 86.5315, 73.9296
YIQ	239.4180, 19.0740, -4.2700

Conversions

Conversions Part 2

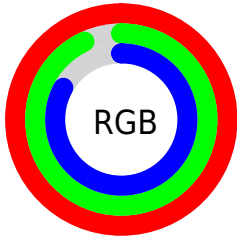
Format	Color
R _Y B	241, 255, 211
Decimal	16772563
CIE Lab	94.54, 2.01, 14.80
CIE LCh	95, 14.935, 82.275
Yxy	86.5315, 0.3417, 0.3550
Android (android.graphics.Color)	4294962643 (0xFFFFEDD3)
YUV	239.4180, -14.0101, 13.6654
Hunter-Lab	93.0223, -2.9651, 17.9948

Details

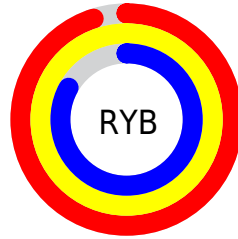
The Yxy color **86.5315, 0.3417, 0.3550** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **77.0991, 0.2852, 0.3016**, and the grayscale version is **86.7555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.4538, 0.3485, 0.3610** is the 20% darker color. If you saturate the color by 10%, you get **79.4845, 0.3611, 0.3709**, and if you desaturate by 10%, it is **94.1273, 0.3242, 0.3397**.

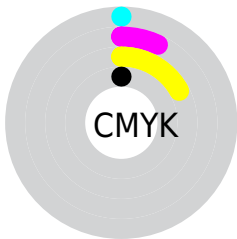
Distribution



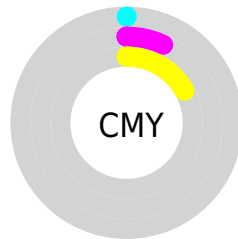
- Red (100%)
- Green (93%)
- Blue (83%)



- Red (95%)
- Yellow (100%)
- Blue (83%)



- Cyan (0%)
- Magenta (7%)
- Yellow (17%)
- Black (0%)





- Cyan (0%)
- Magenta (7%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.5315, 0.3417, 0.3550 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 86.5315, 0.3417, 0.3550 by changing the saturation by 10% instead.

 86.5315, 0.3417,
0.3550

 86.5315, 0.3417,
0.3550


516.6821, 0.3287,
0.3434

 65.1076, 0.3446,
0.3575


142.5110, 0.3373,
0.3511

 47.5483, 0.3481,
0.3606


177.8353, 0.3355,
0.3495

 33.4693, 0.3525,
0.3645


218.5618, 0.3340,
0.3482

 22.4862, 0.3581,
0.3694

265.0750, 0.3327,
0.3470

 14.2146, 0.3655,
0.3758

317.7593, 0.3315,
0.3459

 8.2701, 0.3758,
0.3846

376.9989, 0.3304,

 4.2682, 0.3908,

0.3450

0.3973

443.1784, 0.3295,
0.3442

■ 1.8247, 0.4165,
0.4188

■ 0.5025, 0.5117,
0.4883

■ 86.5315, 0.3417,
0.3550

■ 86.5315, 0.3417,
0.3550

■ 79.4845, 0.3611,
0.3709

■ 94.1273, 0.3242,
0.3397

■ 72.9790, 0.3825,
0.3868

100.0000, 0.3127,
0.3290

■ 66.9958, 0.4054,
0.4020

■ 61.5175, 0.4293,
0.4154

■ 56.5251, 0.4532,
0.4260

■ 51.9979, 0.4759,
0.4325

■ 47.9122, 0.4960,
0.4338

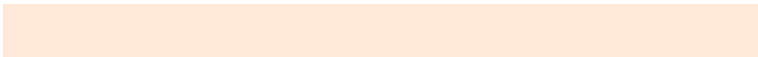
■ 44.2396, 0.5124,
0.4297

■ 43.2957, 0.5166,
0.4280

Harmonies

Analogous

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



86.5315, 0.3464, 0.3442



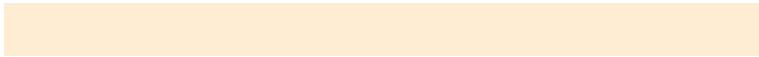
86.5315, 0.3417, 0.3550



86.5315, 0.3292, 0.3590

Triad

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



86.5315, 0.3417, 0.3550



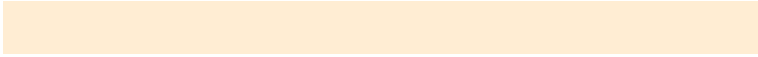
86.5315, 0.2845, 0.3269



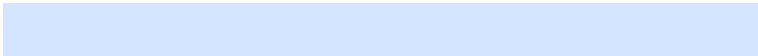
86.5315, 0.3122, 0.3052

Complementary

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



86.5315, 0.3417, 0.3550



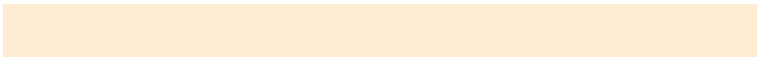
77.0991, 0.2852, 0.3016

Split Complementary

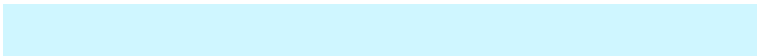
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.5315, 0.2959, 0.3005



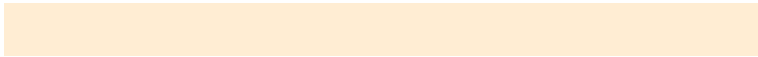
86.5315, 0.3417, 0.3550



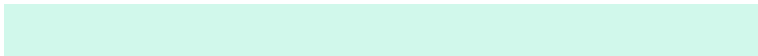
86.5315, 0.2802, 0.3124

Square

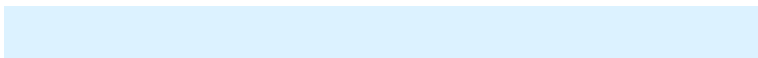
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.5315, 0.3417, 0.3550



86.5315, 0.2962, 0.3425



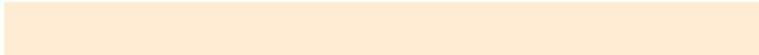
86.5315, 0.2843, 0.3029



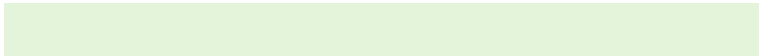
86.5315, 0.3291, 0.3159

Rectangle

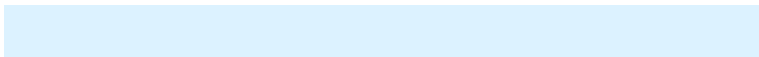
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.5315, 0.3417, 0.3550



86.5315, 0.3182, 0.3569



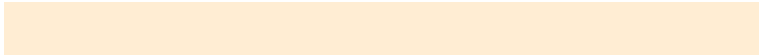
86.5315, 0.2843, 0.3029



86.5315, 0.3065, 0.3029

Sweetspot

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



86.5288, 0.3417, 0.3550



95.9234, 0.3205, 0.3363



73.5166, 0.3326, 0.3107



20.4114, 0.3216, 0.3373



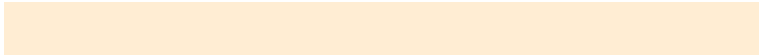
0.0000, 0.0000, 0.0000



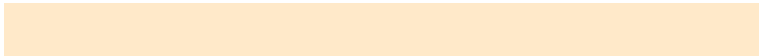
21.4041, 0.3127, 0.3290

Same Dimension

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



86.5288, 0.3417, 0.3550



83.8306, 0.3487, 0.3609



96.7934, 0.3363, 0.3724



19.7717, 0.3279, 0.3430



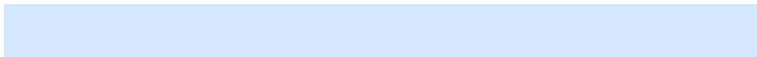
22.9241, 0.5146, 0.4296



2.4471, 0.5007, 0.4406

Inverse Universe

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



77.0991, 0.2852, 0.3016



72.6645, 0.2790, 0.2949



68.1959, 0.2867, 0.2823



18.5979, 0.2979, 0.3146



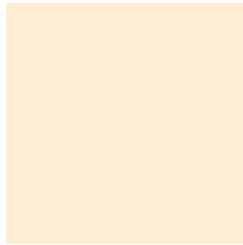
9.2538, 0.1690, 0.1285



1.1095, 0.1752, 0.1508

Previews

White Background



This preview shows how the Yxy color 86.5315, 0.3417, 0.3550 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 86.5315, 0.3417, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

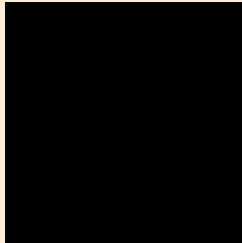
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 86.5315, 0.3417, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 86.5315, 0.3417, 0.3550.

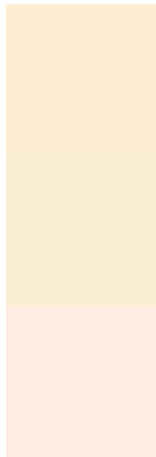


This preview shows how white text looks on a background with the Yxy color 86.5315, 0.3417, 0.3550.

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

86.5315, 0.3417, 0.3550

Protanopia

86.8105, 0.3372, 0.3562

Deuteranopia

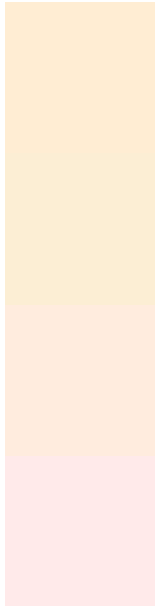
86.2781, 0.3308, 0.3360



Tritanopia

86.2532, 0.3187, 0.3154

Trichromacy



Original Color

86.5315, 0.3417, 0.3550

Protanomaly

86.5980, 0.3387, 0.3551

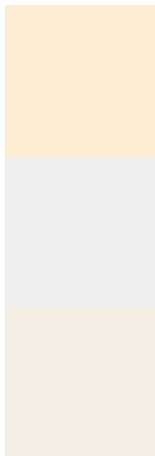
Deuteranomaly

86.5248, 0.3346, 0.3429

Tritanomaly

86.0462, 0.3270, 0.3290

Monochromacy



Original Color

86.5315, 0.3417, 0.3550

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.2187, 0.3230, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.5315, 0.3417, 0.3550 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, 237, 211)` looks like.

```
.text, #text, p{  
    color:rgb(255, 237, 211)  
}
```

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, 237, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 237, 211) }
```

Border

The CSS property to change the border of an element to Yxy 86.5315, 0.3417, 0.3550 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, 237, 211) }
```

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

```
.border{ border-color:rgb(255, 237, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 237, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 237, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 237, 211);  
box-shadow:4px 4px 4px 4px rgb(255, 237,  
211) }
```


Background

The CSS property to change the background color of an element to Yxy 86.5315, 0.3417, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 237, 211) }
```

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

```
.background{ background-color: rgb(255,  
237, 211) }
```

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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