

Converting Colors

$Yxy(99.7717, 0.3846, 0.3491)$

Have a look what the booklet for
Yxy(99.7717, 0.3846, 0.3491)
contains.

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Color

Yxy(86.0550, 0.3405, 0.3520)

Conversions

Conversions Part 1

Format	Color
Hex	FFECD5
RGB	255, 236, 213
RGB Percent	100%, 93%, 84%
CMY	0.0000, 0.0745, 0.1647
CMYK	0.00, 0.07, 0.16, 0.00
HSL	33°, 100%, 92%
HSV	33°, 16%, 100%
XYZ	83.2435, 86.0550, 75.1759
YIQ	239.0590, 18.7070, -3.1250

Conversions

Conversions Part 2

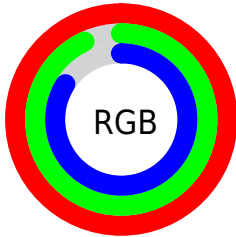
Format	Color
R _Y B	248, 255, 213
Decimal	16772309
CIE Lab	94.34, 2.80, 13.47
CIE LCh	94, 13.754, 78.273
Yxy	86.0550, 0.3405, 0.3520
Android (android.graphics.Color)	4294962389 (0xFFFFECD5)
YUV	239.0590, -12.8471, 13.9803
Hunter-Lab	92.7658, -2.1630, 16.8885

Details

The Yxy color **86.0550, 0.3405, 0.3520** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.0728, 0.2866, 0.3049**, and the grayscale version is **86.4577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1169, 0.3470, 0.3571** is the 20% darker color. If you saturate the color by 10%, you get **78.4379, 0.3603, 0.3668**, and if you desaturate by 10%, it is **94.3119, 0.3229, 0.3378**.

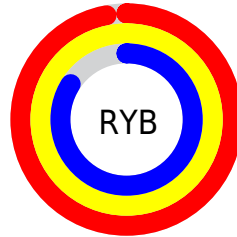
Distribution



Red (100%)

Green (93%)

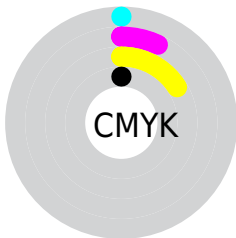
Blue (84%)



Red (97%)

Yellow (100%)

Blue (84%)

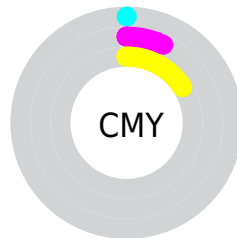


Cyan (0%)

Magenta (7%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 86.0550, 0.3405, 0.3520 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 86.0550, 0.3405, 0.3520 by changing the saturation by 10% instead.

 86.0550, 0.3405,
0.3520

 86.0550, 0.3405,
0.3520


515.1125, 0.3280,
0.3418

 64.7135, 0.3433,
0.3543


141.8462, 0.3362,
0.3485

 47.2288, 0.3467,
0.3570


177.0647, 0.3345,
0.3471

 33.2165, 0.3509,
0.3604


217.6776, 0.3331,
0.3459

 22.2924, 0.3563,
0.3647

264.0694, 0.3318,
0.3449

 14.0719, 0.3635,
0.3704

316.6243, 0.3307,
0.3440

 8.1707, 0.3735,
0.3782

375.7269, 0.3297,

 4.2044, 0.3883,

0.3432

0.3894

441.7615, 0.3288,
0.3424

■ 1.7885, 0.4129,
0.4077

■ 0.4800, 0.5221,
0.4779

■ 86.0550, 0.3405,
0.3520

■ 86.0550, 0.3405,
0.3520

■ 78.4379, 0.3603,
0.3668

■ 94.3119, 0.3229,
0.3378

■ 71.4316, 0.3822,
0.3816

99.9984, 0.3127,
0.3290

■ 65.0214, 0.4061,
0.3959

■ 59.1876, 0.4314,
0.4086

■ 53.9091, 0.4572,
0.4185

■ 49.1627, 0.4821,
0.4244

■ 44.9226, 0.5046,
0.4252

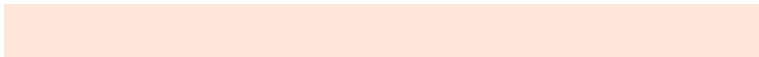
■ 41.1582, 0.5233,
0.4205

■ 39.9288, 0.5293,
0.4179

Harmonies

Analogous

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



86.0550, 0.3437, 0.3415



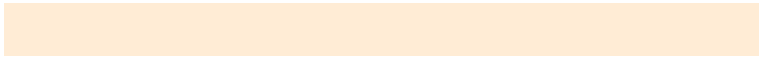
86.0550, 0.3405, 0.3520



86.0550, 0.3298, 0.3566

Triad

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



86.0550, 0.3405, 0.3520



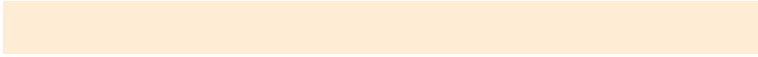
86.0550, 0.2877, 0.3291



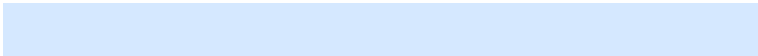
86.0550, 0.3102, 0.3061

Complementary

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



86.0550, 0.3405, 0.3520



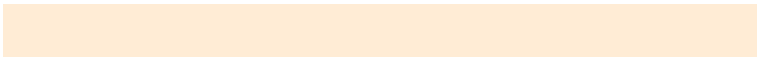
79.0728, 0.2866, 0.3049

Split Complementary

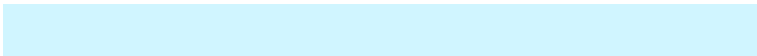
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.0550, 0.2954, 0.3025



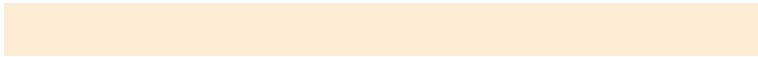
86.0550, 0.3405, 0.3520



86.0550, 0.2827, 0.3153

Square

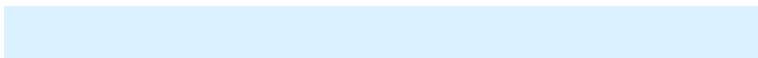
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.0550, 0.3405, 0.3520



86.0550, 0.2993, 0.3432



86.0550, 0.2855, 0.3058



86.0550, 0.3259, 0.3154

Rectangle

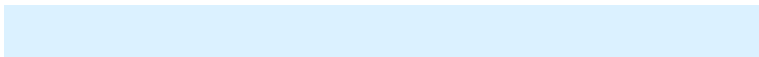
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.0550, 0.3405, 0.3520



86.0550, 0.3199, 0.3554



86.0550, 0.2855, 0.3058



86.0550, 0.3049, 0.3042

Sweetspot

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



86.0588, 0.3405, 0.3520



95.5829, 0.3205, 0.3358



74.7098, 0.3301, 0.3095



20.3286, 0.3217, 0.3367



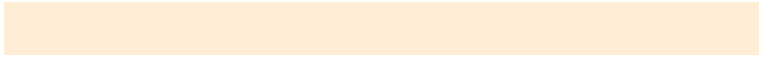
0.0000, 0.0000, 0.0000



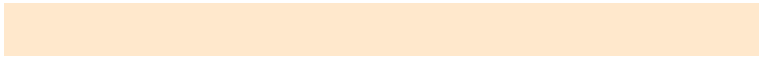
21.4041, 0.3127, 0.3290

Same Dimension

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



86.0588, 0.3405, 0.3520



83.3003, 0.3472, 0.3572



97.3130, 0.3366, 0.3702



19.6368, 0.3280, 0.3420



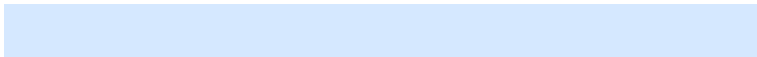
21.1678, 0.5270, 0.4197



2.2794, 0.5114, 0.4322

Inverse Universe

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



79.0728, 0.2866, 0.3049



75.0272, 0.2808, 0.2991



69.1677, 0.2866, 0.2845



18.7303, 0.2979, 0.3156



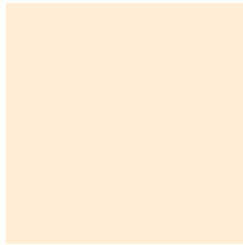
10.5030, 0.1727, 0.1418



1.2374, 0.1787, 0.1634

Previews

White Background



This preview shows how the Yxy color 86.0550, 0.3405, 0.3520 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 86.0550, 0.3405, 0.3520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

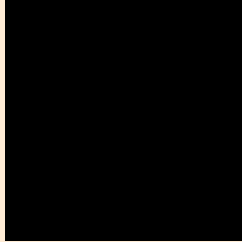
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

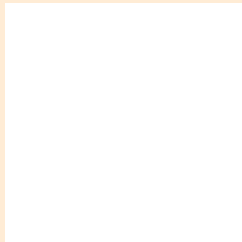
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.0550, 0.3405, 0.3520

Background



This preview shows how black text looks on a background with the Yxy color 86.0550, 0.3405, 0.3520.

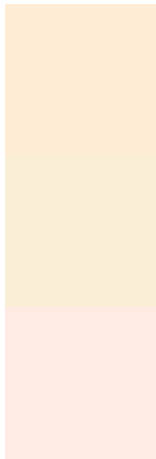


This preview shows how white text looks on a background with the Yxy color 86.0550, 0.3405, 0.3520.

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

86.0550, 0.3405, 0.3520

Protanopia

86.1438, 0.3354, 0.3533

Deuteranopia

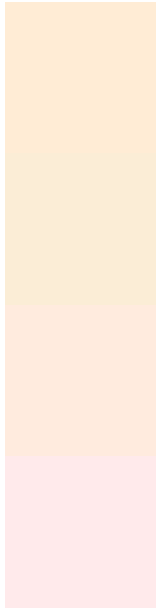
86.2227, 0.3315, 0.3370



Tritanopia

86.2532, 0.3187, 0.3154

Trichromacy



Original Color

86.0550, 0.3405, 0.3520

Protanomaly

85.9326, 0.3369, 0.3522

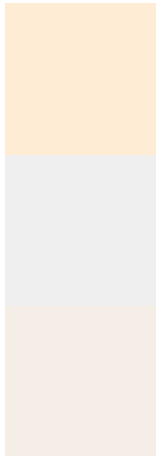
Deuteranomaly

85.9506, 0.3347, 0.3420

Tritanomaly

86.1038, 0.3264, 0.3281

Monochromacy



Original Color

86.0550, 0.3405, 0.3520

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

86.2747, 0.3224, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.0550, 0.3405, 0.3520 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, 236, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 213)  
}
```

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, 236, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 213) }
```

Border

The CSS property to change the border of an element to Yxy 86.0550, 0.3405, 0.3520 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, 236, 213) }
```

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

```
.border{ border-color:rgb(255, 236, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 236, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 86.0550, 0.3405, 0.3520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 236, 213) }
```

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

```
.background{ background-color: rgb(255,  
236, 213) }
```

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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