

Converting Colors

$Yxy(86.1288, 0.3397, 0.3507)$

Have a look what the booklet for
Yxy(86.1288, 0.3397, 0.3507)
contains.

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Color

Yxy(86.1059, 0.3398, 0.3510)

Conversions

Conversions Part 1

Format	Color
Hex	FFECD6
RGB	255, 236, 214
RGB Percent	100%, 93%, 84%
CMY	0.0002, 0.0744, 0.1607
CMYK	0.00, 0.07, 0.16, 0.00
HSL	32°, 100%, 92%
HSV	32°, 16%, 100%
XYZ	83.3584, 86.1059, 75.8517
YIQ	239.1730, 18.3860, -2.8140

Conversions

Conversions Part 2

Format	Color
R _Y B	249, 255, 214
Decimal	16772310
CIE Lab	94.36, 2.92, 12.98
CIE LCh	94, 13.301, 77.311
Yxy	86.1059, 0.3398, 0.3510
Android (android.graphics.Color)	4294962390 (0xFFFFECD6)
YUV	239.1730, -12.4103, 13.8803
Hunter-Lab	92.7933, -2.0375, 16.4901

Details

The Yxy color **86.1059, 0.3398, 0.3510** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **79.7530, 0.2873, 0.3060**, and the grayscale version is **86.5440, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.1515, 0.3462, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **78.3430, 0.3596, 0.3655**, and if you desaturate by 10%, it is **94.5280, 0.3223, 0.3371**.

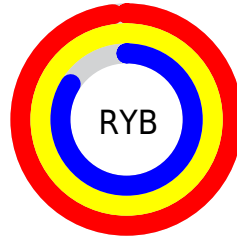
Distribution



Red (100%)

Green (93%)

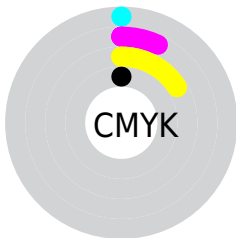
Blue (84%)



Red (98%)

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 86.1059, 0.3398, 0.3510 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 86.1059, 0.3398, 0.3510 by changing the saturation by 10% instead.

 86.1059, 0.3398,
0.3510

 86.1059, 0.3398,
0.3510


515.2803, 0.3276,
0.3412

 64.7555, 0.3425,
0.3532


141.9173, 0.3356,
0.3477

 47.2629, 0.3458,
0.3558


177.1471, 0.3340,
0.3464

 33.2435, 0.3499,
0.3590


217.7721, 0.3326,
0.3452

 22.3131, 0.3552,
0.3632

264.1769, 0.3313,
0.3442

 14.0871, 0.3623,
0.3686

316.7457, 0.3302,
0.3433

 8.1813, 0.3720,
0.3760

375.8629, 0.3293,

 4.2112, 0.3865,

0.3425

0.3868

441.9130, 0.3284,
0.3418

■ 1.7924, 0.4103,
0.4040

■ 0.4824, 0.5234,
0.4766

■ 86.1059, 0.3398,
0.3510

■ 86.1059, 0.3398,
0.3510

■ 78.3430, 0.3596,
0.3655

■ 94.5280, 0.3223,
0.3371

■ 71.2099, 0.3816,
0.3801

99.9893, 0.3127,
0.3290

■ 64.6914, 0.4057,
0.3942

■ 58.7672, 0.4313,
0.4067

■ 53.4156, 0.4575,
0.4166

■ 48.6129, 0.4830,
0.4225

■ 44.3326, 0.5061,
0.4233

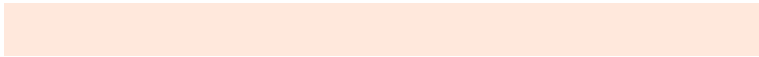
■ 40.5440, 0.5255,
0.4185

■ 39.1704, 0.5323,
0.4155

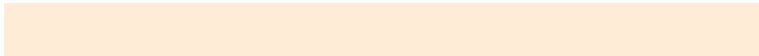
Harmonies

Analogous

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



86.1059, 0.3426, 0.3407



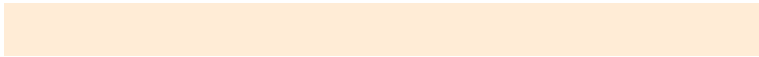
86.1059, 0.3398, 0.3510



86.1059, 0.3296, 0.3556

Triad

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



86.1059, 0.3398, 0.3510



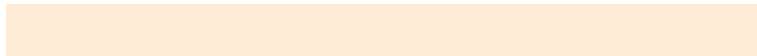
86.1059, 0.2888, 0.3295



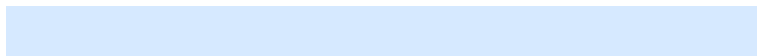
86.1059, 0.3098, 0.3066

Complementary

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



86.1059, 0.3398, 0.3510



79.7530, 0.2873, 0.3060

Split Complementary

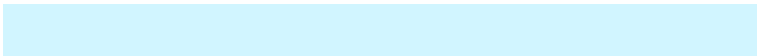
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1059, 0.2956, 0.3034



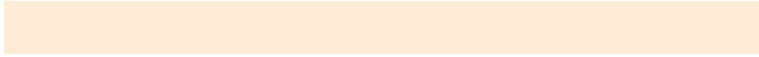
86.1059, 0.3398, 0.3510



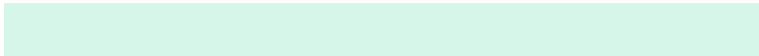
86.1059, 0.2837, 0.3162

Square

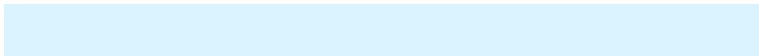
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1059, 0.3398, 0.3510



86.1059, 0.3002, 0.3431



86.1059, 0.2862, 0.3067



86.1059, 0.3250, 0.3154

Rectangle

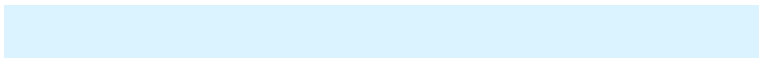
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1059, 0.3398, 0.3510



86.1059, 0.3202, 0.3546



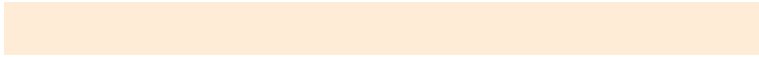
86.1059, 0.2862, 0.3067



86.1059, 0.3047, 0.3048

Sweetspot

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



86.1097, 0.3398, 0.3510



95.5032, 0.3206, 0.3356



75.2380, 0.3296, 0.3100



20.3092, 0.3217, 0.3366



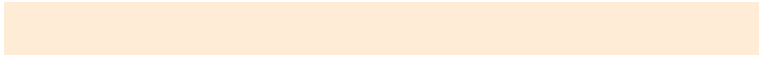
0.0000, 0.0000, 0.0000



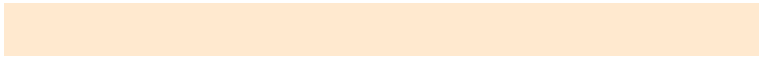
21.4041, 0.3127, 0.3290

Same Dimension

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



86.1097, 0.3398, 0.3510



83.7978, 0.3454, 0.3552



97.3310, 0.3360, 0.3691



19.6053, 0.3281, 0.3418



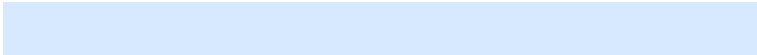
20.7798, 0.5300, 0.4174



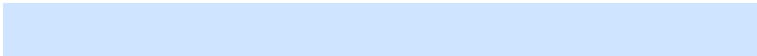
2.2420, 0.5139, 0.4302

Inverse Universe

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



79.7530, 0.2873, 0.3060



76.4285, 0.2825, 0.3013



69.8196, 0.2874, 0.2857



18.7615, 0.2979, 0.3159



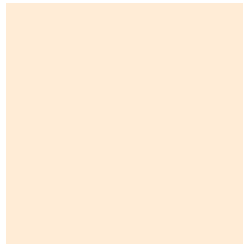
10.8177, 0.1736, 0.1450



1.2691, 0.1796, 0.1665

Previews

White Background



This preview shows how the Yxy color 86.1059, 0.3398, 0.3510 looks on a white background.

Color Contrast Check

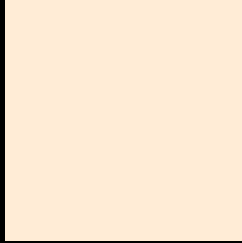
Large Text (above 18pt) WCAG AA × Fail

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 86.1059, 0.3398, 0.3510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

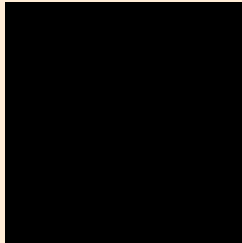
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

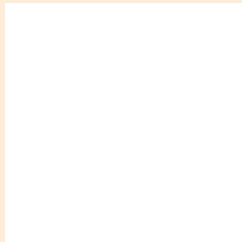
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1059, 0.3398, 0.3510

Background



This preview shows how black text looks on a background with the Yxy color 86.1059, 0.3398, 0.3510.

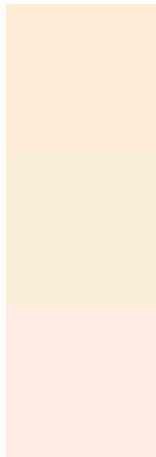


This preview shows how white text looks on a background with the Yxy color 86.1059, 0.3398, 0.3510.

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

86.1059, 0.3398, 0.3510

Protanopia

86.1951, 0.3347, 0.3522

Deuteranopia

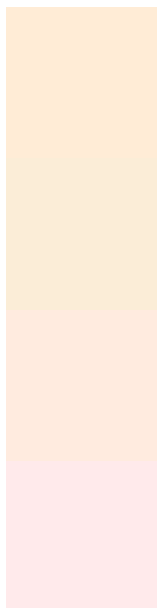
86.2781, 0.3308, 0.3360



Tritanopia

86.2532, 0.3187, 0.3154

Trichromacy



Original Color

86.1059, 0.3398, 0.3510

Protanomaly

85.9839, 0.3362, 0.3511

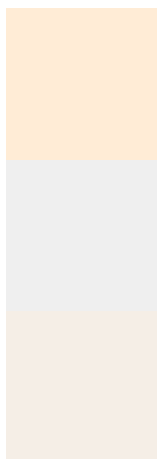
Deuteranomaly

86.0044, 0.3341, 0.3410

Tritanomaly

86.1038, 0.3264, 0.3281

Monochromacy



Original Color

86.1059, 0.3398, 0.3510

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 86.1059, 0.3398, 0.3510 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, 214)` looks like.

```
.text, #text, p{  
    color:rgb(255, 236, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 236, 214) }
```

Border

The CSS property to change the border of an element to Yxy 86.1059, 0.3398, 0.3510 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, 214) }
```

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

```
.border{ border-color:rgb(255, 236, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 236, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 236, 214);  
box-shadow:4px 4px 4px 4px rgb(255, 236,  
214) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1059, 0.3398, 0.3510 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, 214) }
```

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

```
.background{ background-color: rgb(255,  
236, 214) }
```

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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