

Converting Colors

Yxy(96.4181, 0.3287, 0.3643)

Have a look what the booklet for
Yxy(96.4181, 0.3287, 0.3643)
contains.

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Color

Yxy(96.4086, 0.3287, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFDB
RGB	247, 255, 219
RGB Percent	97%, 100%, 86%
CMY	0.0316, 0.0000, 0.1412
CMYK	0.03, 0.00, 0.14, 0.00
HSL	73°, 100%, 93%
HSV	73°, 14%, 100%
XYZ	86.8920, 96.4086, 81.0498
YIQ	248.5040, 6.7880, -12.8920

Conversions

Conversions Part 2

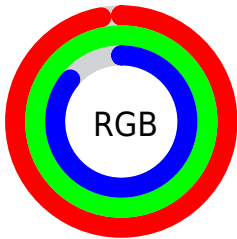
Format	Color
R _Y B	219, 255, 227
Decimal	16252891
CIE Lab	98.59, -8.67, 16.32
CIE LCh	99, 18.480, 117.982
Yxy	96.4086, 0.3287, 0.3647
Android (android.graphics.Color)	4294442971 (0xFFFF7FFDB)
YUV	248.5040, -14.5455, -1.3190
Hunter-Lab	98.1879, -13.8641, 19.7902

Details

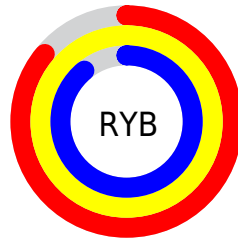
The Yxy color **96.4086, 0.3287, 0.3647** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **74.2258, 0.2953, 0.2919**, and the grayscale version is **94.4084, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.1449, 0.3324, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **94.1382, 0.3401, 0.3913**, and if you desaturate by 10%, it is **98.9002, 0.3173, 0.3391**.

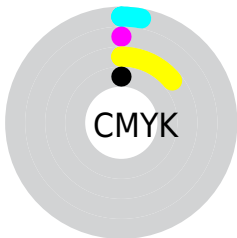
Distribution



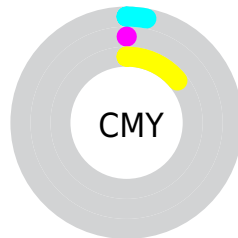
- Red (97%)
- Green (100%)
- Blue (86%)



- Red (86%)
- Yellow (100%)
- Blue (89%)



- Cyan (3%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.4086, 0.3287, 0.3647 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 96.4086, 0.3287, 0.3647 by changing the saturation by 10% instead.

 96.4086, 0.3287,
0.3647

 96.4086, 0.3287,
0.3647

548.6647, 0.3218,
0.3488

 73.3079, 0.3302,
0.3682


156.2092, 0.3264,
0.3593

 54.2278, 0.3319,
0.3725


193.6779, 0.3255,
0.3571

 38.7838, 0.3341,
0.3778


236.7048, 0.3247,
0.3553

 26.5916, 0.3367,
0.3846

285.6741, 0.3240,
0.3537

 17.2667, 0.3401,
0.3935

340.9704, 0.3233,
0.3522

 10.4248, 0.3446,
0.4058

402.9780, 0.3228,

 5.6815, 0.3507,

0.3509

0.4238

472.0813, 0.3223,
0.3498

■ 2.6524, 0.3591,
0.4522

■ 0.9531, 0.4209,
0.5791

■ 96.4086, 0.3287,
0.3647

■ 96.4086, 0.3287,
0.3647

■ 94.1382, 0.3401,
0.3913

■ 98.9002, 0.3173,
0.3391

■ 92.1038, 0.3510,
0.4184

100.0000, 0.3127,
0.3290

■ 90.2868, 0.3611,
0.4450

■ 88.6760, 0.3697,
0.4699

■ 87.2591, 0.3763,
0.4921

■ 86.0223, 0.3805,
0.5105

■ 84.9493, 0.3820,
0.5243

■ 84.0205, 0.3810,
0.5333

■ 83.5250, 0.3795,
0.5369

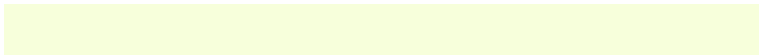
Harmonies

Analogous

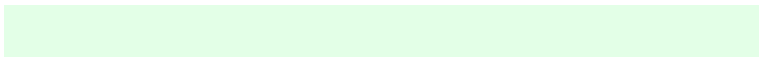
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.4086, 0.3451, 0.3616



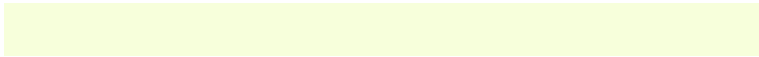
96.4086, 0.3287, 0.3647



96.4086, 0.3084, 0.3574

Triad

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



96.4086, 0.3287, 0.3647



96.4086, 0.2742, 0.3064



96.4086, 0.3357, 0.3164

Complementary

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



96.4086, 0.3287, 0.3647



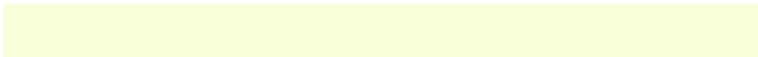
74.2258, 0.2953, 0.2919

Split Complementary

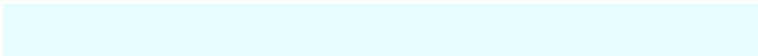
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.4086, 0.3160, 0.3028



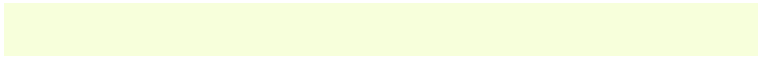
96.4086, 0.3287, 0.3647



96.4086, 0.2809, 0.2967

Square

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



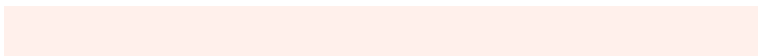
96.4086, 0.3287, 0.3647



96.4086, 0.2774, 0.3228



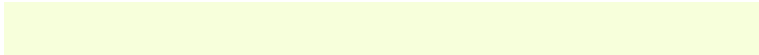
96.4086, 0.2960, 0.2956



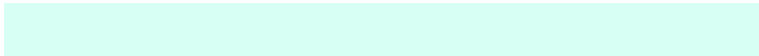
96.4086, 0.3493, 0.3334

Rectangle

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



96.4086, 0.3287, 0.3647



96.4086, 0.2955, 0.3477



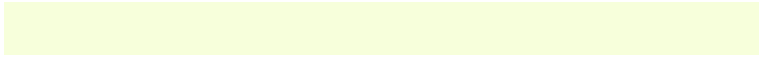
96.4086, 0.2960, 0.2956



96.4086, 0.3296, 0.3113

Sweetspot

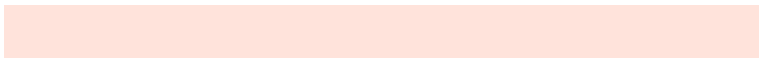
The Sweet Spot groups the original color and five complimentary colors.



96.4005, 0.3287, 0.3647



98.9305, 0.3172, 0.3388



81.2063, 0.3379, 0.3369



21.1331, 0.3180, 0.3407



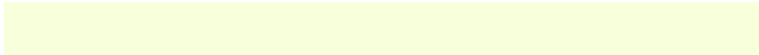
0.0000, 0.0000, 0.0000



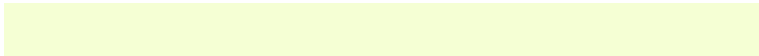
21.4041, 0.3127, 0.3290

Same Dimension

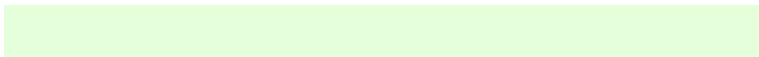
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.4005, 0.3287, 0.3647



95.7239, 0.3320, 0.3723



93.3265, 0.3173, 0.3660



20.8739, 0.3234, 0.3527



43.7130, 0.3802, 0.5363



4.3041, 0.3849, 0.5326

Inverse Universe

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



74.2258, 0.2953, 0.2919



69.5579, 0.2912, 0.2836



77.2632, 0.3073, 0.2932



17.5735, 0.3014, 0.3047



4.2809, 0.1617, 0.0665



0.4627, 0.1721, 0.0722

Previews

White Background



This preview shows how the Yxy color 96.4086, 0.3287, 0.3647 looks on a white background.

Color Contrast Check

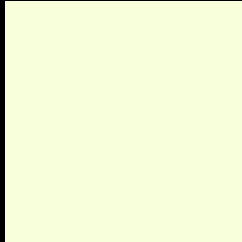
Large Text (above 18pt) WCAG AA × Fail

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 96.4086, 0.3287, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

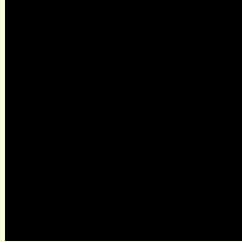
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.4086, 0.3287, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 96.4086, 0.3287, 0.3647.



This preview shows how white text looks on a background with the Yxy color 96.4086, 0.3287, 0.3647.

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

96.4086, 0.3287, 0.3647



Protanopia

96.5456, 0.3218, 0.3396

Deuteranopia

96.4085, 0.3171, 0.3309

Tritanopia

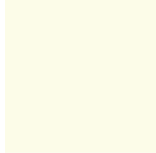
96.2867, 0.3111, 0.3242

Trichromacy



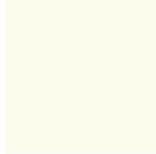
Original Color

96.4086, 0.3287, 0.3647



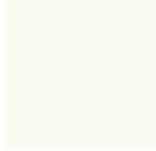
Protanomaly

96.1424, 0.3245, 0.3485



Deuteranomaly

96.4307, 0.3215, 0.3436



Tritanomaly

96.3556, 0.3173, 0.3387

Monochromacy



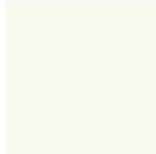
Original Color

96.4086, 0.3287, 0.3647



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

95.0652, 0.3191, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.4086, 0.3287, 0.3647 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(247, 255, 219)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 219)  
}
```

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(247, 255, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 219) }
```

Border

The CSS property to change the border of an element to Yxy 96.4086, 0.3287, 0.3647 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(247, 255, 219) }
```

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

```
.border{ border-color:rgb(247, 255, 219) }
```

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

Here you see how a box with a 4 pixel rgb(247, 255, 219) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 219);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 96.4086, 0.3287, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 219) }
```

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

```
.background{ background-color: rgb(247,  
255, 219) }
```

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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