

Converting Colors

$Yxy(96.0186, 0.3350, 0.3747)$

Have a look what the booklet for
Yxy(96.0186, 0.3350, 0.3747)
contains.

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Color

Yxy(96.0799, 0.3353, 0.3747)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFD1
RGB	248, 255, 209
RGB Percent	97%, 100%, 82%
CMY	0.0276, 0.0000, 0.1802
CMYK	0.03, 0.00, 0.18, 0.00
HSL	69°, 100%, 91%
HSV	69°, 18%, 100%
XYZ	85.9770, 96.0799, 74.3613
YIQ	247.6630, 10.5940, -15.7900

Conversions

Conversions Part 2

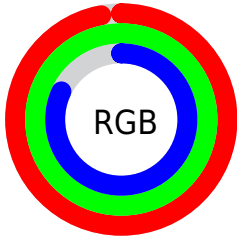
Format	Color
R_{YB}	209, 255, 216
Decimal	16318417
CIE _{Lab}	98.46, -9.82, 21.22
CIE _{LCh}	98, 23.386, 114.824
Y _{xy}	96.0799, 0.3353, 0.3747
Android (android.graphics.Color)	4294508497 (0xFFFF8FFD1)
YUV	247.6630, -19.0609, 0.2955
Hunter-Lab	98.0204, -14.9671, 23.6350

Details

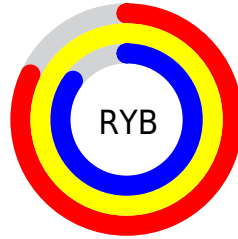
The Yxy color **96.0799, 0.3353, 0.3747** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **67.4508, 0.2876, 0.2803**, and the grayscale version is **93.7284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7976, 0.3400, 0.3849** is the 20% darker color. If you saturate the color by 10%, you get **94.2083, 0.3478, 0.4011**, and if you desaturate by 10%, it is **98.1634, 0.3227, 0.3489**.

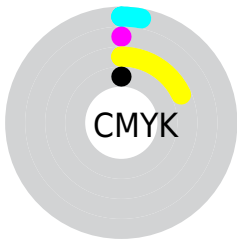
Distribution



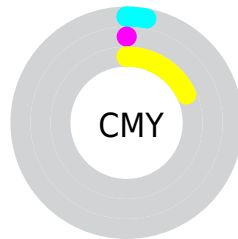
- Red (97%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (85%)



- Cyan (3%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.0799, 0.3353, 0.3747 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 96.0799, 0.3353, 0.3747 by changing the saturation by 10% instead.


 96.0799, 0.3353,
0.3747

 96.0799, 0.3353,
0.3747

547.6164, 0.3256,
0.3543

 73.0341, 0.3374,
0.3792

155.7557, 0.3321,
0.3677

 54.0039, 0.3398,
0.3847


193.1545, 0.3308,
0.3650

 38.6047, 0.3428,
0.3915


236.1064, 0.3296,
0.3626

 26.4524, 0.3465,
0.4002

284.9958, 0.3286,
0.3605

 17.1624, 0.3512,
0.4116

340.2071, 0.3277,
0.3587

 10.3503, 0.3572,
0.4272

402.1247, 0.3269,

 5.6318, 0.3651,

0.3570

0.4497

471.1330, 0.3262,
0.3556

■ 2.6225, 0.3764,
0.4861

■ 0.9380, 0.4097,
0.5903

■ 96.0799, 0.3353,
0.3747

■ 96.0799, 0.3353,
0.3747

■ 94.2083, 0.3478,
0.4011

■ 98.1634, 0.3227,
0.3489

■ 92.5465, 0.3598,
0.4273

100.0000, 0.3127,
0.3290

■ 91.0816, 0.3706,
0.4522

■ 89.8022, 0.3798,
0.4749

■ 88.6954, 0.3868,
0.4942

■ 87.7469, 0.3912,
0.5093

■ 86.9396, 0.3930,
0.5198

■ 86.2505, 0.3923,
0.5259

■ 86.1217, 0.3921,
0.5269

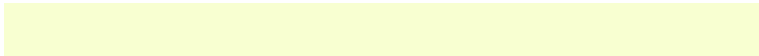
Harmonies

Analogous

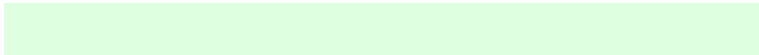
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.0799, 0.3553, 0.3690



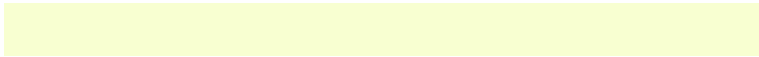
96.0799, 0.3353, 0.3747



96.0799, 0.3098, 0.3670

Triad

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



96.0799, 0.3353, 0.3747



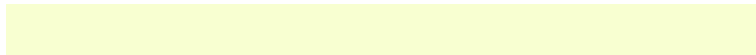
96.0799, 0.2641, 0.3020



96.0799, 0.3394, 0.3110

Complementary

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



96.0799, 0.3353, 0.3747



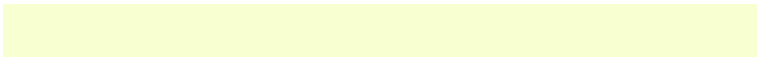
67.4508, 0.2876, 0.2803

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.



96.0799, 0.3140, 0.2948



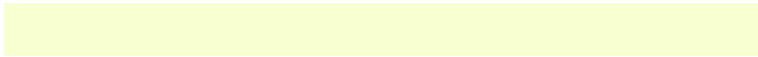
96.0799, 0.3353, 0.3747



96.0799, 0.2712, 0.2890

Square

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



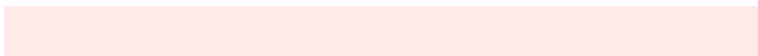
96.0799, 0.3353, 0.3747



96.0799, 0.2694, 0.3234



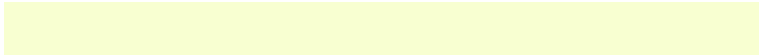
96.0799, 0.2891, 0.2867



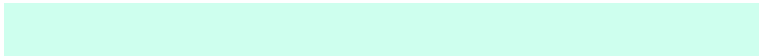
96.0799, 0.3580, 0.3319

Rectangle

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



96.0799, 0.3353, 0.3747



96.0799, 0.2932, 0.3550



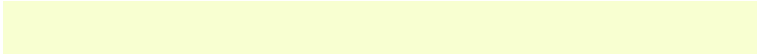
96.0799, 0.2891, 0.2867



96.0799, 0.3314, 0.3048

Sweetspot

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



96.0773, 0.3353, 0.3747



98.8380, 0.3189, 0.3413



74.9443, 0.3466, 0.3361



21.1214, 0.3198, 0.3430



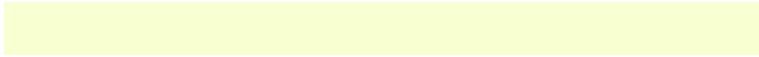
0.0000, 0.0000, 0.0000



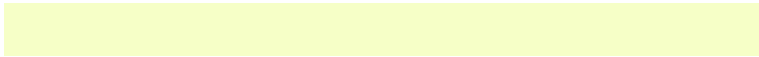
21.4041, 0.3127, 0.3290

Same Dimension

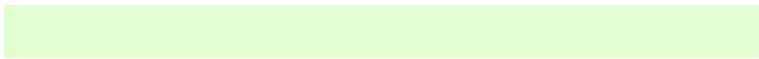
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0773, 0.3353, 0.3747



95.3085, 0.3403, 0.3852



92.1535, 0.3205, 0.3769



20.9418, 0.3245, 0.3526



45.0536, 0.3925, 0.5265



4.4231, 0.3958, 0.5240

Inverse Universe

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



67.4508, 0.2876, 0.2803



61.3549, 0.2812, 0.2682



71.1774, 0.3034, 0.2825



17.5110, 0.3002, 0.3046



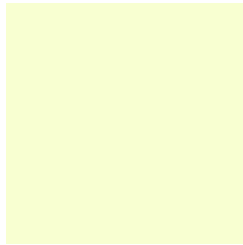
4.0373, 0.1562, 0.0634



0.4302, 0.1648, 0.0682

Previews

White Background



This preview shows how the Yxy color 96.0799, 0.3353, 0.3747 looks on a white background.

Color Contrast Check

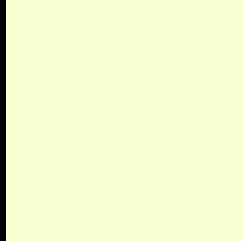
Large Text (above 18pt) WCAG AA × Fail

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 96.0799, 0.3353, 0.3747 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

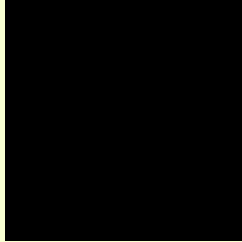
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.0799, 0.3353, 0.3747

Background



This preview shows how black text looks on a background with the Yxy color 96.0799, 0.3353, 0.3747.



This preview shows how white text looks on a background with the Yxy color 96.0799, 0.3353, 0.3747.

Color Blindness Simulation

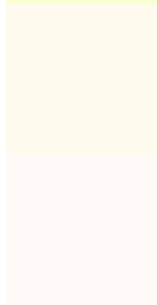
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.0799, 0.3353, 0.3747



Protanopia

95.8043, 0.3230, 0.3406

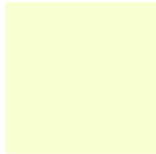
Deuteranopia

95.7268, 0.3177, 0.3309

Tritanopia

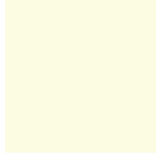
96.2867, 0.3111, 0.3242

Trichromacy



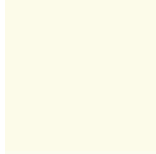
Original Color

96.0799, 0.3353, 0.3747



Protanomaly

95.8623, 0.3275, 0.3535



Deuteranomaly

95.5730, 0.3240, 0.3466



Tritanomaly

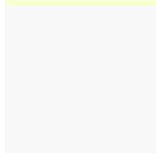
96.3031, 0.3203, 0.3426

Monochromacy



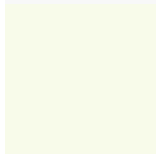
Original Color

96.0799, 0.3353, 0.3747



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8913, 0.3208, 0.3457

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.0799, 0.3353, 0.3747 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(248, 255, 209)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 209)  
}
```

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(248, 255, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 209) }
```

Border

The CSS property to change the border of an element to Yxy 96.0799, 0.3353, 0.3747 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(248, 255, 209) }
```

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

```
.border{ border-color:rgb(248, 255, 209) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 209);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 96.0799, 0.3353, 0.3747 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 209) }
```

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

```
.background{ background-color: rgb(248,  
255, 209) }
```

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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