

Converting Colors

$Yxy(96.3595, 0.3303, 0.3669)$

Have a look what the booklet for
Yxy(96.3595, 0.3303, 0.3669)
contains.

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Color

Yxy(96.3039, 0.3299, 0.3667)

Conversions

Conversions Part 1

Format	Color
Hex	F7FFD9
RGB	247, 255, 217
RGB Percent	97%, 100%, 85%
CMY	0.0314, 0.0000, 0.1489
CMYK	0.03, 0.00, 0.15, 0.00
HSL	73°, 100%, 93%
HSV	73°, 15%, 100%
XYZ	86.6394, 96.3039, 79.6799
YIQ	248.2760, 7.4300, -13.5140

Conversions

Conversions Part 2

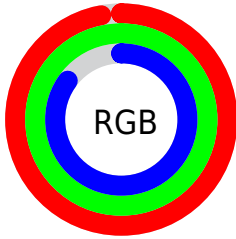
Format	Color
R_{YB}	217, 255, 225
Decimal	16252889
CIE Lab	98.55, -8.96, 17.28
CIE LCh	99, 19.462, 117.421
Yxy	96.3039, 0.3299, 0.3667
Android (android.graphics.Color)	4294442969 (0xFFFF7FFD9)
YUV	248.2760, -15.4191, -1.1191
Hunter-Lab	98.1346, -14.1444, 20.5540

Details

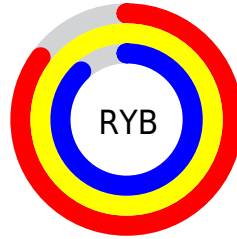
The Yxy color **96.3039, 0.3299, 0.3667** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **72.8693, 0.2939, 0.2897**, and the grayscale version is **94.2276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9440, 0.3331, 0.3747** is the 20% darker color. If you saturate the color by 10%, you get **94.1112, 0.3415, 0.3933**, and if you desaturate by 10%, it is **98.7259, 0.3183, 0.3410**.

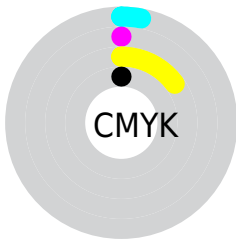
Distribution



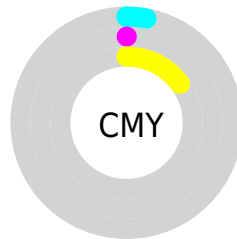
- Red (97%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (88%)



- Cyan (3%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.3039, 0.3299, 0.3667 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 96.3039, 0.3299, 0.3667 by changing the saturation by 10% instead.

 96.3039, 0.3299,
0.3667

 96.3039, 0.3299,
0.3667

548.3309, 0.3225,
0.3499

 73.2207, 0.3315,
0.3704

156.0648, 0.3274,
0.3610

 54.1564, 0.3334,
0.3749


193.5112, 0.3264,
0.3587

 38.7267, 0.3357,
0.3805


236.5142, 0.3256,
0.3567

 26.5472, 0.3385,
0.3877

285.4581, 0.3248,
0.3550

 17.2335, 0.3422,
0.3971

340.7273, 0.3241,
0.3535

 10.4011, 0.3469,
0.4101

402.7063, 0.3235,

 5.6657, 0.3534,

0.3522

0.4291

471.7793, 0.3230,
0.3509

■ 2.6429, 0.3621,
0.4590

■ 0.9483, 0.4180,
0.5820

■ 96.3039, 0.3299,
0.3667

■ 96.3039, 0.3299,
0.3667

■ 94.1112, 0.3415,
0.3933

■ 98.7259, 0.3183,
0.3410

■ 92.1442, 0.3526,
0.4203

100.0000, 0.3127,
0.3290

■ 90.3905, 0.3628,
0.4466

■ 88.8388, 0.3715,
0.4711

■ 87.4768, 0.3781,
0.4928

■ 86.2904, 0.3823,
0.5106

■ 85.2634, 0.3839,
0.5237

■ 84.3757, 0.3829,
0.5321

■ 83.9619, 0.3817,
0.5351

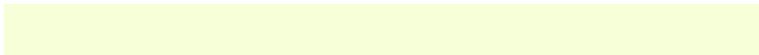
Harmonies

Analogous

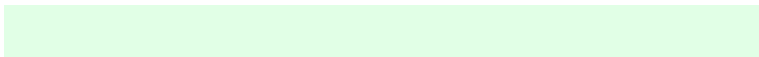
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3039, 0.3470, 0.3632



96.3039, 0.3299, 0.3667



96.3039, 0.3086, 0.3593

Triad

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



96.3039, 0.3299, 0.3667



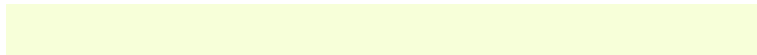
96.3039, 0.2722, 0.3054



96.3039, 0.3366, 0.3154

Complementary

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



96.3039, 0.3299, 0.3667



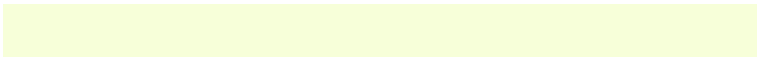
72.8693, 0.2939, 0.2897

Split Complementary

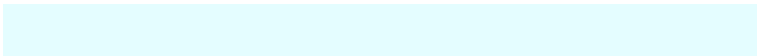
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.3039, 0.3158, 0.3012



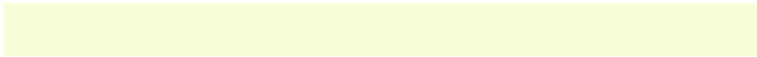
96.3039, 0.3299, 0.3667



96.3039, 0.2790, 0.2951

Square

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



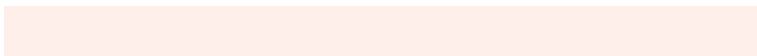
96.3039, 0.3299, 0.3667



96.3039, 0.2757, 0.3228



96.3039, 0.2948, 0.2938



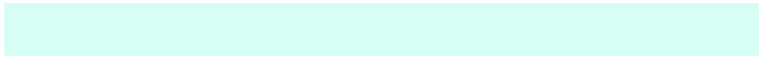
96.3039, 0.3511, 0.3332

Rectangle

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



96.3039, 0.3299, 0.3667



96.3039, 0.2949, 0.3490



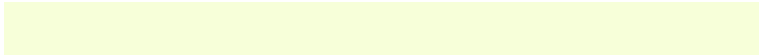
96.3039, 0.2948, 0.2938



96.3039, 0.3301, 0.3101

Sweetspot

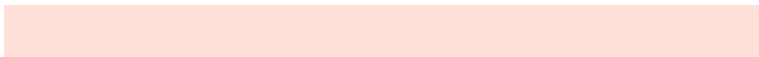
The Sweet Spot groups the original color and five complimentary colors.



96.3019, 0.3299, 0.3667



98.9543, 0.3173, 0.3388



79.9137, 0.3396, 0.3367



21.1391, 0.3181, 0.3407



0.0000, 0.0000, 0.0000



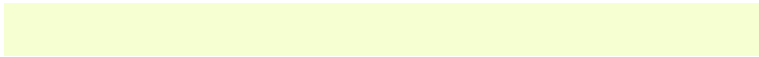
21.4041, 0.3127, 0.3290

Same Dimension

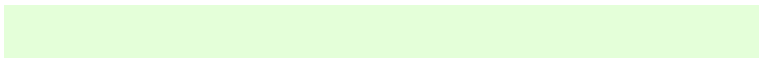
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3019, 0.3299, 0.3667



95.5970, 0.3335, 0.3749



93.0925, 0.3180, 0.3681



20.8859, 0.3236, 0.3527



43.9387, 0.3824, 0.5346



4.3243, 0.3868, 0.5311

Inverse Universe

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



72.8693, 0.2939, 0.2897



67.8973, 0.2894, 0.2806



76.0186, 0.3065, 0.2911



17.5624, 0.3012, 0.3046



4.2311, 0.1606, 0.0658



0.4564, 0.1707, 0.0714

Previews

White Background



This preview shows how the Yxy color 96.3039, 0.3299, 0.3667 looks on a white background.

Color Contrast Check

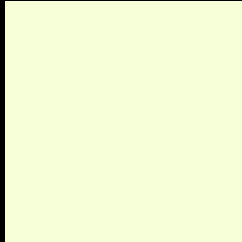
Large Text (above 18pt) WCAG AA × Fail

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 96.3039, 0.3299, 0.3667 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

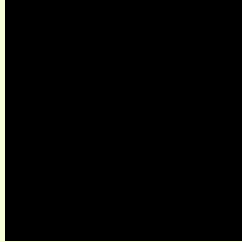
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

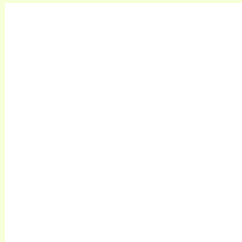
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.3039, 0.3299, 0.3667

Background



This preview shows how black text looks on a background with the Yxy color 96.3039, 0.3299, 0.3667.

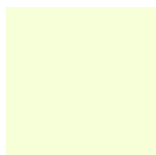


This preview shows how white text looks on a background with the Yxy color 96.3039, 0.3299, 0.3667.

Color Blindness Simulation

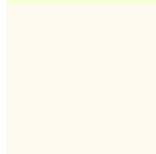
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



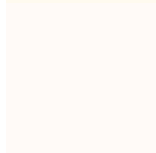
Original Color

96.3039, 0.3299, 0.3667



Protanopia

95.8632, 0.3224, 0.3397



Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

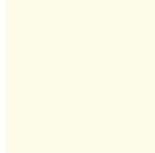
96.2867, 0.3111, 0.3242

Trichromacy



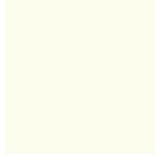
Original Color

96.3039, 0.3299, 0.3667



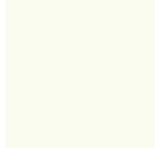
Protanomaly

96.0858, 0.3251, 0.3495



Deuteranomaly

96.3724, 0.3221, 0.3446



Tritanomaly

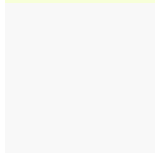
96.2957, 0.3179, 0.3397

Monochromacy



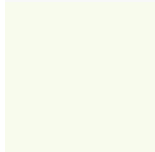
Original Color

96.3039, 0.3299, 0.3667



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 96.3039, 0.3299, 0.3667 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(247, 255, 217)  
}
```

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, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 217) }
```

Border

The CSS property to change the border of an element to Yxy 96.3039, 0.3299, 0.3667 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, 217) }
```

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

```
.border{ border-color:rgb(247, 255, 217) }
```

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, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 217);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3039, 0.3299, 0.3667 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, 217) }
```

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

```
.background{ background-color: rgb(247,  
255, 217) }
```

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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