

Converting Colors

$Yxy(96.1748, 0.3287, 0.3658)$

Have a look what the booklet for
Yxy(96.1748, 0.3287, 0.3658)
contains.

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Color

Yxy(96.1748, 0.3287, 0.3658)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFDA
RGB	246, 255, 218
RGB Percent	96%, 100%, 85%
CMY	0.0353, 0.0000, 0.1452
CMYK	0.04, 0.00, 0.15, 0.00
HSL	75°, 100%, 93%
HSV	75°, 15%, 100%
XYZ	86.4206, 96.1748, 80.3209
YIQ	248.0910, 6.5130, -13.4150

Conversions

Conversions Part 2

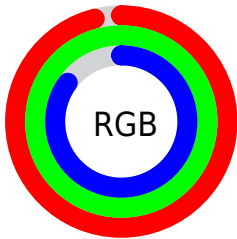
Format	Color
RYB	218, 255, 227
Decimal	16187354
CIELab	98.50, -9.15, 16.70
CIELCh	99, 19.047, 118.712
Yxy	96.1748, 0.3287, 0.3658
Android (android.graphics.Color)	4294377434 (0xFFFF6FFDA)
YUV	248.0910, -14.8349, -1.8338
Hunter-Lab	98.0688, -14.3217, 20.0880

Details

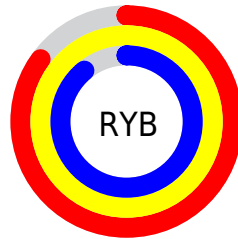
The Yxy color **96.1748, 0.3287, 0.3658** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **73.6761, 0.2952, 0.2908**, and the grayscale version is **94.0668, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9797, 0.3323, 0.3734** is the 20% darker color. If you saturate the color by 10%, you get **93.8404, 0.3397, 0.3926**, and if you desaturate by 10%, it is **98.7531, 0.3176, 0.3401**.

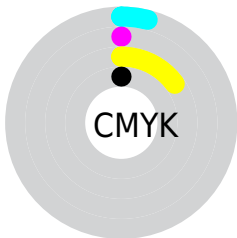
Distribution



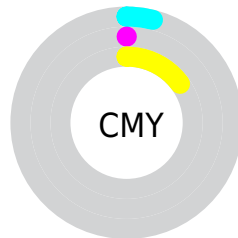
- Red (96%)
- Green (100%)
- Blue (85%)



- Red (85%)
- Yellow (100%)
- Blue (89%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)
- Black (0%)



- Cyan (4%)
- Magenta (0%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1748, 0.3287, 0.3658 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 96.1748, 0.3287, 0.3658 by changing the saturation by 10% instead.

 96.1748, 0.3287,
0.3658

 96.1748, 0.3287,
0.3658


547.9192, 0.3218,
0.3493

 73.1132, 0.3302,
0.3694


155.8866, 0.3264,
0.3602

 54.0685, 0.3319,
0.3738


193.3056, 0.3255,
0.3580

 38.6564, 0.3340,
0.3793


236.2792, 0.3247,
0.3561

 26.4925, 0.3367,
0.3863

285.1917, 0.3240,
0.3544

 17.1925, 0.3401,
0.3956

340.4275, 0.3233,
0.3529

 10.3718, 0.3445,
0.4083

402.3711, 0.3228,

 5.6462, 0.3505,

0.3516

0.4270

471.4069, 0.3223,
0.3504

■ 2.6312, 0.3586,
0.4565

■ 0.9423, 0.4160,
0.5840

■ 96.1748, 0.3287,
0.3658

■ 96.1748, 0.3287,
0.3658

■ 93.8404, 0.3397,
0.3926

■ 98.7531, 0.3176,
0.3401

■ 91.7384, 0.3503,
0.4199

100.0000, 0.3127,
0.3290

■ 89.8589, 0.3600,
0.4466

■ 88.1906, 0.3681,
0.4718

■ 86.7210, 0.3743,
0.4943

■ 85.4361, 0.3780,
0.5129

■ 84.3194, 0.3791,
0.5269

■ 83.3512, 0.3777,
0.5361

■ 82.8681, 0.3761,
0.5395

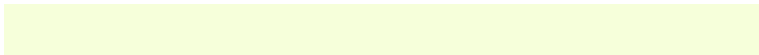
Harmonies

Analogous

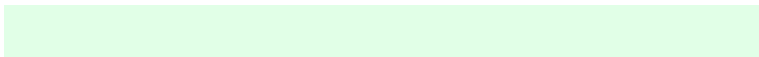
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1748, 0.3458, 0.3628



96.1748, 0.3287, 0.3658



96.1748, 0.3078, 0.3581

Triad

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



96.1748, 0.3287, 0.3658



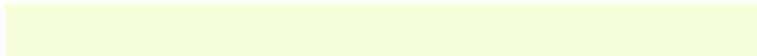
96.1748, 0.2731, 0.3053



96.1748, 0.3369, 0.3164

Complementary

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



96.1748, 0.3287, 0.3658



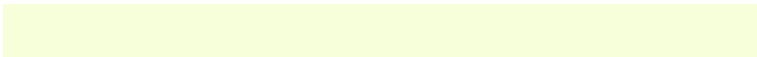
73.6761, 0.2952, 0.2908

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.



96.1748, 0.3167, 0.3023



96.1748, 0.3287, 0.3658



96.1748, 0.2802, 0.2956

Square

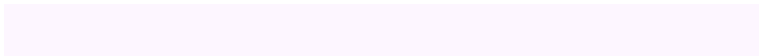
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



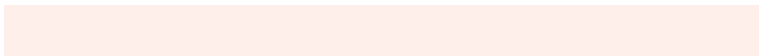
96.1748, 0.3287, 0.3658



96.1748, 0.2761, 0.3221



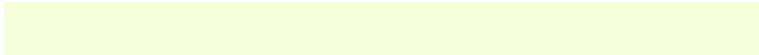
96.1748, 0.2959, 0.2947



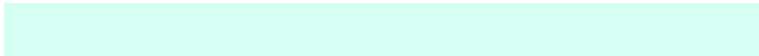
96.1748, 0.3507, 0.3339

Rectangle

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



96.1748, 0.3287, 0.3658



96.1748, 0.2945, 0.3478



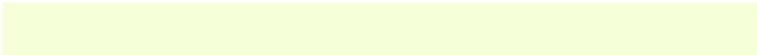
96.1748, 0.2959, 0.2947



96.1748, 0.3306, 0.3111

Sweetspot

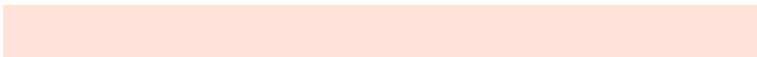
The Sweet Spot groups the original color and five complimentary colors.



96.1754, 0.3287, 0.3658



98.8936, 0.3171, 0.3388



81.0487, 0.3386, 0.3377



21.1237, 0.3179, 0.3407



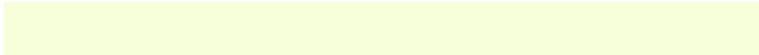
0.0000, 0.0000, 0.0000



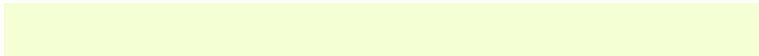
21.4041, 0.3127, 0.3290

Same Dimension

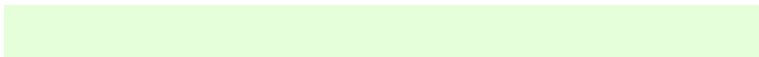
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1754, 0.3287, 0.3658



95.5738, 0.3315, 0.3724



93.0501, 0.3171, 0.3671



20.8555, 0.3231, 0.3527



43.3733, 0.3769, 0.5390



4.2736, 0.3819, 0.5350

Inverse Universe

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



73.6761, 0.2952, 0.2908



69.6896, 0.2918, 0.2837



76.7860, 0.3076, 0.2922



17.5907, 0.3017, 0.3047



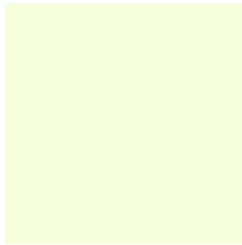
4.3637, 0.1636, 0.0675



0.4730, 0.1744, 0.0734

Previews

White Background



This preview shows how the Yxy color 96.1748, 0.3287, 0.3658 looks on a white background.

Color Contrast Check

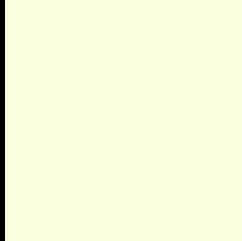
Large Text (above 18pt) WCAG AA × Fail

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 96.1748, 0.3287, 0.3658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

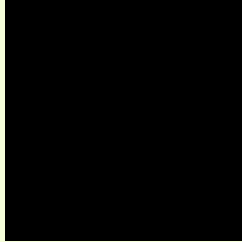
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

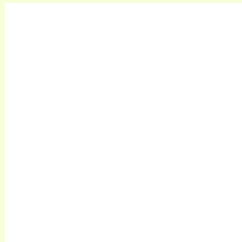
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 96.1748, 0.3287, 0.3658

Background



This preview shows how black text looks on a background with the Yxy color 96.1748, 0.3287, 0.3658.



This preview shows how white text looks on a background with the Yxy color 96.1748, 0.3287, 0.3658.

Color Blindness Simulation

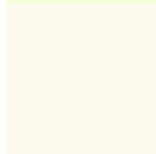
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



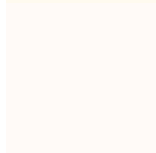
Original Color

96.1748, 0.3287, 0.3658



Protanopia

95.8632, 0.3224, 0.3397



Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

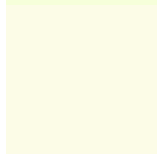
96.1004, 0.3104, 0.3242

Trichromacy



Original Color

96.1748, 0.3287, 0.3658



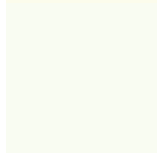
Protanomaly

96.0858, 0.3251, 0.3495



Deuteranomaly

96.3724, 0.3221, 0.3446



Tritanomaly

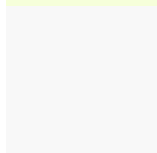
96.1713, 0.3167, 0.3387

Monochromacy



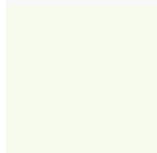
Original Color

96.1748, 0.3287, 0.3658



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8829, 0.3184, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1748, 0.3287, 0.3658 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(246, 255, 218)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 218)  
}
```

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(246, 255, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 218) }
```

Border

The CSS property to change the border of an element to Yxy 96.1748, 0.3287, 0.3658 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(246, 255, 218) }
```

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

```
.border{ border-color:rgb(246, 255, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 218);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
218) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1748, 0.3287, 0.3658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 218) }
```

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

```
.background{ background-color: rgb(246,  
255, 218) }
```

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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