

Converting Colors

$Y_{xy}(96.1639, 0.3364, 0.3757)$

Have a look what the booklet for
Yxy(96.1639, 0.3364, 0.3757)
contains.

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Color

Yxy(96.2138, 0.3366, 0.3756)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFD0
RGB	249, 255, 208
RGB Percent	98%, 100%, 82%
CMY	0.0234, 0.0000, 0.1842
CMYK	0.02, 0.00, 0.18, 0.00
HSL	68°, 100%, 91%
HSV	68°, 18%, 100%
XYZ	86.2235, 96.2138, 73.7229
YIQ	247.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

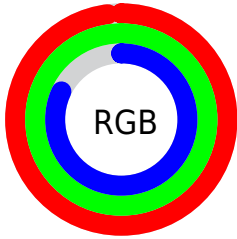
Format	Color
R_{YB}	208, 255, 214
Decimal	16383952
CIE _{Lab}	98.52, -9.59, 21.82
CIE _{LCh}	99, 23.834, 113.714
Yxy	96.2138, 0.3366, 0.3756
Android (android.graphics.Color)	4294574032 (0xFFF9FFD0)
YUV	247.8480, -19.6451, 1.0103
Hunter-Lab	98.0886, -14.7470, 24.1000

Details

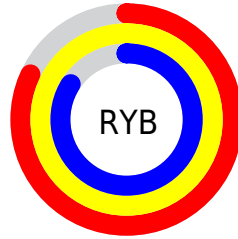
The Yxy color **96.2138, 0.3366, 0.3756** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.6449, 0.2861, 0.2790**, and the grayscale version is **93.9033, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8945, 0.3416, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **94.4718, 0.3496, 0.4018**, and if you desaturate by 10%, it is **98.1763, 0.3235, 0.3499**.

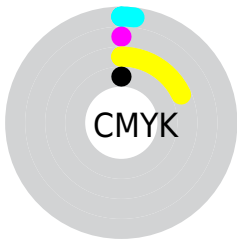
Distribution



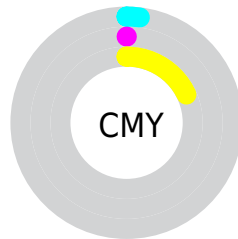
- Red (98%)
- Green (100%)
- Blue (82%)



- Red (82%)
- Yellow (100%)
- Blue (84%)



- Cyan (2%)
- Magenta (0%)
- Yellow (18%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.2138, 0.3366, 0.3756 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 96.2138, 0.3366, 0.3756 by changing the saturation by 10% instead.


 96.2138, 0.3366,
0.3756

 96.2138, 0.3366,
0.3756

548.0436, 0.3263,
0.3548

 73.1456, 0.3388,
0.3802


155.9405, 0.3332,
0.3685

 54.0951, 0.3414,
0.3858


193.3677, 0.3318,
0.3657

 38.6777, 0.3445,
0.3927


236.3502, 0.3306,
0.3633

 26.5091, 0.3484,
0.4015

285.2722, 0.3295,
0.3612

 17.2049, 0.3534,
0.4130

340.5181, 0.3286,
0.3593

 10.3807, 0.3597,
0.4289

402.4724, 0.3278,

 5.6521, 0.3681,

0.3576

0.4516

471.5194, 0.3270,
0.3561

■ 2.6347, 0.3803,
0.4886

■ 0.9441, 0.4122,
0.5878

■ 96.2138, 0.3366,
0.3756

■ 96.2138, 0.3366,
0.3756

■ 94.4718, 0.3496,
0.4018

■ 98.1763, 0.3235,
0.3499

■ 92.9279, 0.3620,
0.4277

99.9967, 0.3127,
0.3290

■ 91.5760, 0.3733,
0.4522

■ 90.4045, 0.3828,
0.4742

■ 89.4007, 0.3902,
0.4928

■ 88.5502, 0.3950,
0.5072

■ 87.8358, 0.3971,
0.5170

■ 87.2336, 0.3968,
0.5225

■ 87.1433, 0.3967,
0.5232

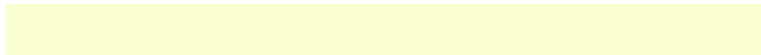
Harmonies

Analogous

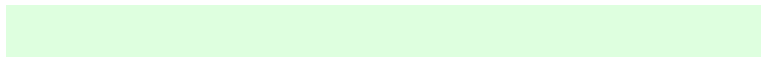
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2138, 0.3566, 0.3693



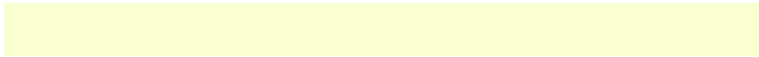
96.2138, 0.3366, 0.3756



96.2138, 0.3107, 0.3683

Triad

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



96.2138, 0.3366, 0.3756



96.2138, 0.2632, 0.3021



96.2138, 0.3391, 0.3099

Complementary

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



96.2138, 0.3366, 0.3756



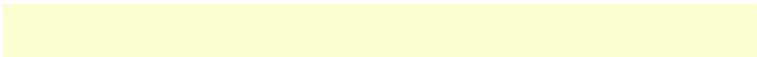
66.6449, 0.2861, 0.2790

Split Complementary

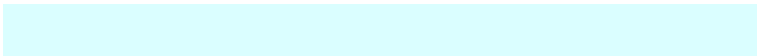
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



96.2138, 0.3130, 0.2937



96.2138, 0.3366, 0.3756



96.2138, 0.2700, 0.2886

Square

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



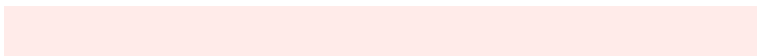
96.2138, 0.3366, 0.3756



96.2138, 0.2690, 0.3241



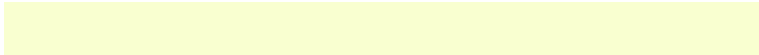
96.2138, 0.2878, 0.2859



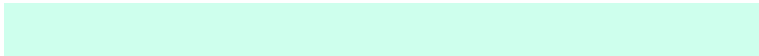
96.2138, 0.3583, 0.3311

Rectangle

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



96.2138, 0.3366, 0.3756



96.2138, 0.2937, 0.3563



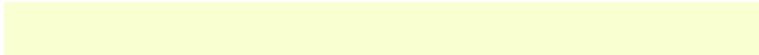
96.2138, 0.2878, 0.2859



96.2138, 0.3308, 0.3038

Sweetspot

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



96.2180, 0.3366, 0.3756



98.6868, 0.3204, 0.3438



73.6625, 0.3478, 0.3347



21.0935, 0.3212, 0.3454



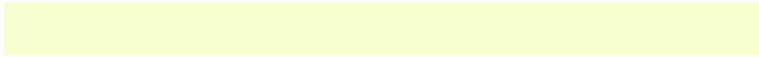
0.0000, 0.0000, 0.0000



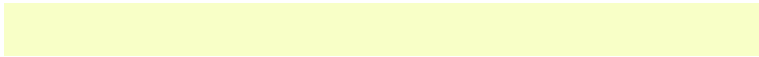
21.4041, 0.3127, 0.3290

Same Dimension

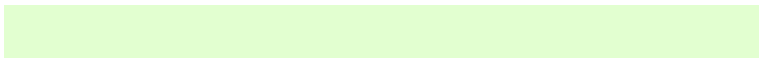
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2180, 0.3366, 0.3756



95.5727, 0.3413, 0.3850



92.2472, 0.3216, 0.3779



20.9668, 0.3249, 0.3526



45.5823, 0.3971, 0.5229



4.4695, 0.3998, 0.5208

Inverse Universe

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



66.6449, 0.2861, 0.2790



61.1461, 0.2802, 0.2681



70.3524, 0.3020, 0.2813



17.4883, 0.2998, 0.3045



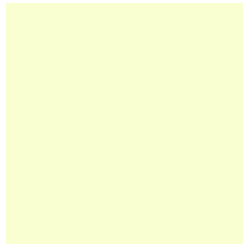
3.9703, 0.1546, 0.0626



0.4196, 0.1624, 0.0668

Previews

White Background



This preview shows how the Yxy color 96.2138, 0.3366, 0.3756 looks on a white background.

Color Contrast Check

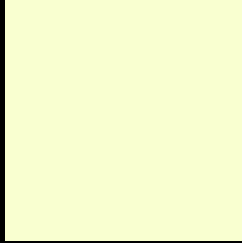
Large Text (above 18pt) WCAG AA × Fail

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 96.2138, 0.3366, 0.3756 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

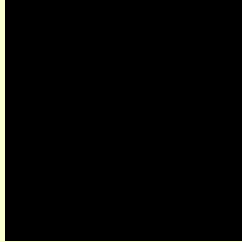
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2138, 0.3366, 0.3756

Background



This preview shows how black text looks on a background with the Yxy color 96.2138, 0.3366, 0.3756.



This preview shows how white text looks on a background with the Yxy color 96.2138, 0.3366, 0.3756.

Color Blindness Simulation

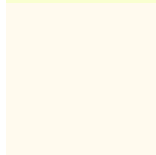
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.2138, 0.3366, 0.3756



Protanopia

95.8043, 0.3230, 0.3406



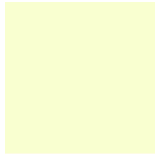
Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

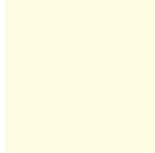
96.2867, 0.3111, 0.3242

Trichromacy



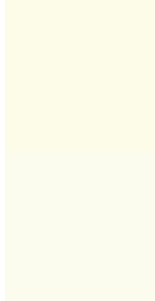
Original Color

96.2138, 0.3366, 0.3756



Protanomaly

96.0495, 0.3282, 0.3535



Deuteranomaly

96.3866, 0.3246, 0.3475

Tritanomaly

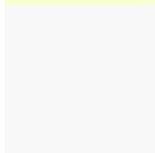
96.3031, 0.3203, 0.3426

Monochromacy



Original Color

96.2138, 0.3366, 0.3756



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8340, 0.3214, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2138, 0.3366, 0.3756 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(249, 255, 208)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 208)  
}
```

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(249, 255, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 208) }
```

Border

The CSS property to change the border of an element to Yxy 96.2138, 0.3366, 0.3756 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(249, 255, 208) }
```

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

```
.border{ border-color:rgb(249, 255, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 208);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2138, 0.3366, 0.3756 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 208) }
```

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

```
.background{ background-color: rgb(249,  
255, 208) }
```

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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