

Converting Colors

Yxy(88.3150, 0.3161, 0.3959)

Have a look what the booklet for
Yxy(88.3150, 0.3161, 0.3959)
contains.

Yxy(88.3942, 0.3163, 0.3956)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(88.3942, 0.3163, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFC2
RGB	205, 255, 194
RGB Percent	80%, 100%, 76%
CMY	0.1961, 0.0000, 0.2392
CMYK	0.20, 0.00, 0.24, 0.00
HSL	109°, 100%, 88%
HSV	109°, 24%, 100%
XYZ	70.6751, 88.3942, 64.3740
YIQ	233.0960, -10.2190, -29.5710

Conversions

Conversions Part 2

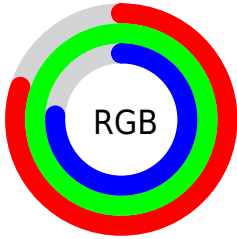
Format	Color
RYB	194, 255, 244
Decimal	13500354
CIELab	95.33, -26.88, 24.08
CIElCh	95, 36.087, 138.138
Yxy	88.3942, 0.3163, 0.3956
Android (android.graphics.Color)	4291690434 (0xFFCDDFC2)
YUV	233.0960, -19.2743, -24.6402
Hunter-Lab	94.0182, -30.3502, 25.2170

Details

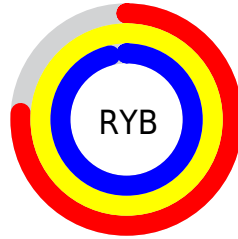
The Yxy color **88.3942, 0.3163, 0.3956** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.0352, 0.3073, 0.2677**, and the grayscale version is **81.7157, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **48.7656, 0.3165, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **84.5693, 0.3172, 0.4281**, and if you desaturate by 10%, it is **92.8142, 0.3150, 0.3657**.

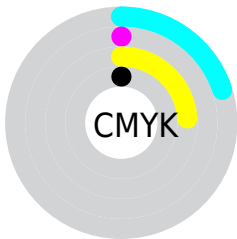
Distribution



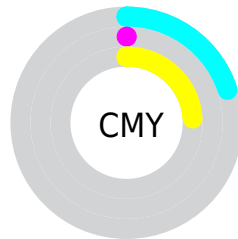
- Red (80%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (96%)



- Cyan (20%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (20%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3942, 0.3163, 0.3956 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 88.3942, 0.3163, 0.3956 by changing the saturation by 10% instead.


 88.3942, 0.3163,
0.3956

 88.3942, 0.3163,
0.3956


522.7933, 0.3154,
0.3646

 66.6496, 0.3163,
0.4027


 145.1058, 0.3161,
0.3848

 48.7999, 0.3163,
0.4114


180.8417, 0.3160,
0.3807

 34.4608, 0.3161,
0.4225


222.0100, 0.3159,
0.3771

 23.2478, 0.3156,
0.4369

268.9952, 0.3158,
0.3739

 14.7766, 0.3146,
0.4565

322.1818, 0.3157,
0.3712

 8.6627, 0.3122,
0.4844

381.9541, 0.3156,

 4.5219, 0.3066,

0.3688

0.5269

448.6964, 0.3155,
0.3666

■ 1.9696, 0.3108,
0.6363

■ 0.5897, 0.0000,
1.0000

■ 88.3942, 0.3163,
0.3956

■ 88.3942, 0.3163,
0.3956

■ 84.5693, 0.3172,
0.4281

■ 92.8142, 0.3150,
0.3657

■ 81.3116, 0.3176,
0.4622

■ 97.8510, 0.3134,
0.3387

■ 78.5943, 0.3172,
0.4965

100.0000, 0.3127,
0.3290

■ 76.3873, 0.3158,
0.5287

■ 74.6578, 0.3136,
0.5565

■ 73.3687, 0.3106,
0.5778

■ 72.4770, 0.3070,
0.5912

■ 72.1011, 0.3050,
0.5961

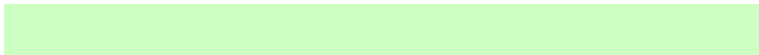
Harmonies

Analogous

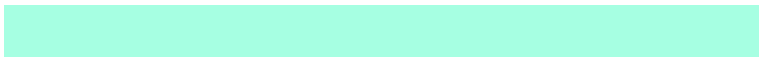
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3942, 0.3557, 0.4018



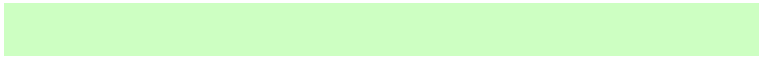
88.3942, 0.3163, 0.3956



88.3942, 0.2775, 0.3672

Triad

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



88.3942, 0.3163, 0.3956



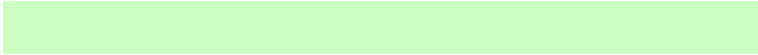
88.3942, 0.2442, 0.2692



88.3942, 0.3799, 0.3249

Complementary

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



88.3942, 0.3163, 0.3956



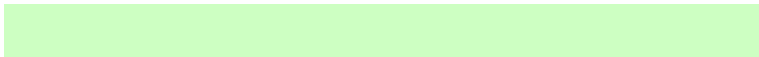
65.0352, 0.3073, 0.2677

Split Complementary

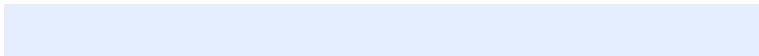
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.3942, 0.3463, 0.2944



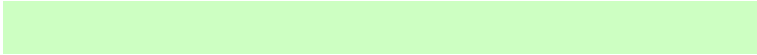
88.3942, 0.3163, 0.3956



88.3942, 0.2680, 0.2630

Square

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



88.3942, 0.3163, 0.3956



88.3942, 0.2376, 0.2917



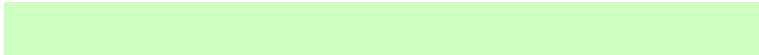
88.3942, 0.3049, 0.2724



88.3942, 0.3941, 0.3580

Rectangle

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



88.3942, 0.3163, 0.3956



88.3942, 0.2571, 0.3411



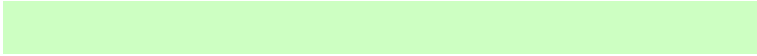
88.3942, 0.3049, 0.2724



88.3942, 0.3704, 0.3142

Sweetspot

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



88.3950, 0.3163, 0.3956



96.2334, 0.3139, 0.3467



89.7460, 0.3514, 0.3787



20.5315, 0.3140, 0.3483



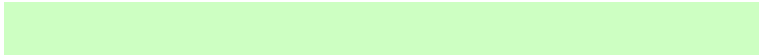
0.0000, 0.0000, 0.0000



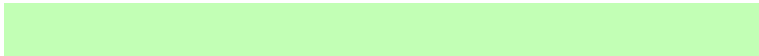
21.4041, 0.3127, 0.3290

Same Dimension

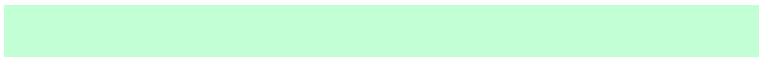
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3950, 0.3163, 0.3956



86.3796, 0.3168, 0.4118



87.8094, 0.2990, 0.3748



20.3257, 0.3143, 0.3534



37.7195, 0.3057, 0.5955



3.7133, 0.3122, 0.5903

Inverse Universe

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



65.0352, 0.3073, 0.2677



59.1047, 0.3058, 0.2543



65.8810, 0.3297, 0.2872



18.1249, 0.3109, 0.3054



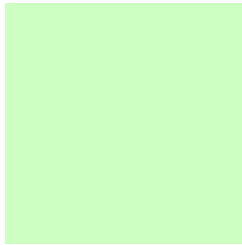
10.9148, 0.2755, 0.1291



1.1040, 0.2810, 0.1322

Previews

White Background



This preview shows how the Yxy color 88.3942, 0.3163, 0.3956 looks on a white background.

Color Contrast Check

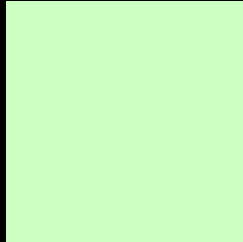
Large Text (above 18pt) WCAG AA × Fail

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 88.3942, 0.3163, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

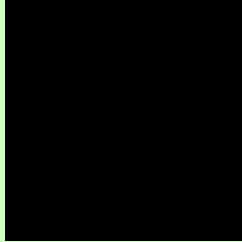
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

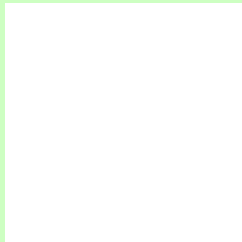
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.3942, 0.3163, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 88.3942, 0.3163, 0.3956.

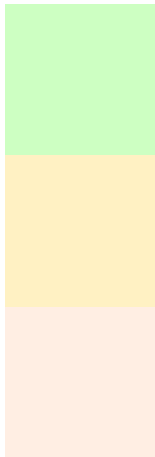


This preview shows how white text looks on a background with the Yxy color 88.3942, 0.3163, 0.3956.

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

88.3942, 0.3163, 0.3956

Protanopia

88.1107, 0.3513, 0.3750

Deuteranopia

87.9551, 0.3311, 0.3399



Tritanopia

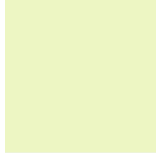
88.4153, 0.2962, 0.3179

Trichromacy



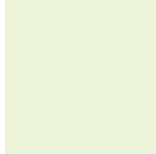
Original Color

88.3942, 0.3163, 0.3956



Protanomaly

87.8562, 0.3378, 0.3819



Deuteranomaly

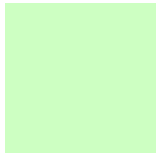
87.6122, 0.3258, 0.3588



Tritanomaly

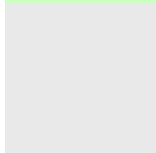
88.2336, 0.3038, 0.3446

Monochromacy



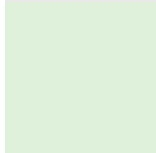
Original Color

88.3942, 0.3163, 0.3956



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7130, 0.3142, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3942, 0.3163, 0.3956 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(205, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 194)  
}
```

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(205, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 88.3942, 0.3163, 0.3956 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(205, 255, 194) }
```

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

```
.border{ border-color:rgb(205, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(205, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3942, 0.3163, 0.3956 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 194) }
```

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

```
.background{ background-color: rgb(205,  
255, 194) }
```

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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