

Converting Colors

$Yxy(89.6561, 0.3257, 0.3952)$

Have a look what the booklet for
Yxy(89.6561, 0.3257, 0.3952)
contains.

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Color

Yxy(89.5948, 0.3258, 0.3952)

Conversions

Conversions Part 1

Format	Color
Hex	DAFEC0
RGB	218, 254, 192
RGB Percent	85%, 100%, 75%
CMY	0.1452, 0.0039, 0.2472
CMYK	0.14, 0.00, 0.24, 0.00
HSL	95°, 97%, 87%
HSV	95°, 24%, 100%
XYZ	73.8613, 89.5948, 63.2514
YIQ	236.1680, -1.5540, -26.9140

Conversions

Conversions Part 2

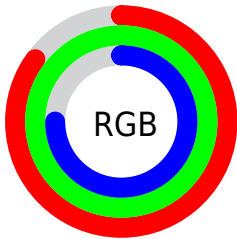
Format	Color
RYB	192, 254, 228
Decimal	14352064
CIELab	95.83, -22.33, 25.93
CIELCh	96, 34.220, 130.736
Yxy	89.5948, 0.3258, 0.3952
Android (android.graphics.Color)	4292542144 (0xFFDAFEC0)
YUV	236.1680, -21.7748, -15.9333
Hunter-Lab	94.6545, -26.3574, 26.6386

Details

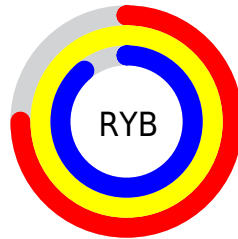
The Yxy color **89.5948, 0.3258, 0.3952** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.3384, 0.2962, 0.2643**, and the grayscale version is **84.1844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **49.4489, 0.3277, 0.4107** is the 20% darker color. If you saturate the color by 10%, you get **86.3942, 0.3305, 0.4257**, and if you desaturate by 10%, it is **93.1999, 0.3206, 0.3665**.

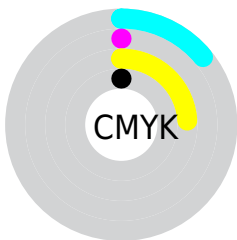
Distribution



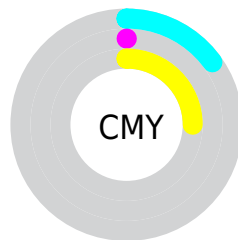
- Red (85%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (89%)



- Cyan (14%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (15%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.5948, 0.3258, 0.3952 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 89.5948, 0.3258, 0.3952 by changing the saturation by 10% instead.

 89.5948, 0.3258,
0.3952

 89.5948, 0.3258,
0.3952


526.7119, 0.3206,
0.3647

 67.6446, 0.3268,
0.4021


 146.7754, 0.3242,
0.3846

 49.6087, 0.3279,
0.4106


182.7747, 0.3235,
0.3805

 35.1026, 0.3291,
0.4214


224.2257, 0.3229,
0.3770

 23.7419, 0.3305,
0.4353

271.5130, 0.3223,
0.3739

 15.1423, 0.3318,
0.4539

325.0208, 0.3218,
0.3712

 8.9193, 0.3328,
0.4802

385.1336, 0.3214,

 4.6886, 0.3320,

0.3687

0.5194

452.2359, 0.3210,
0.3666

■ 2.0657, 0.3478,
0.6235

■ 0.6452, 0.0955,
0.9045

■ 89.5948, 0.3258,
0.3952

■ 89.5948, 0.3258,
0.3952

■ 86.3942, 0.3305,
0.4257

■ 93.1999, 0.3206,
0.3665

■ 83.5714, 0.3342,
0.4570

■ 97.2123, 0.3151,
0.3400

■ 81.1137, 0.3367,
0.4879

99.3725, 0.3128,
0.3281

■ 79.0035, 0.3375,
0.5168

■ 77.2214, 0.3363,
0.5418

■ 75.7451, 0.3331,
0.5615

■ 74.5488, 0.3282,
0.5749

■ 73.9855, 0.3250,
0.5802

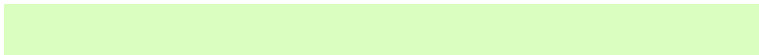
Harmonies

Analogous

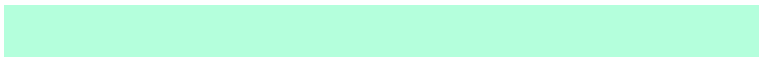
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.5948, 0.3615, 0.3959



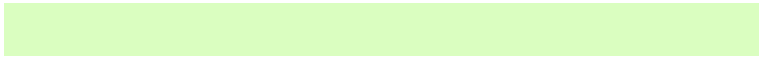
89.5948, 0.3258, 0.3952



89.5948, 0.2880, 0.3731

Triad

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



89.5948, 0.3258, 0.3952



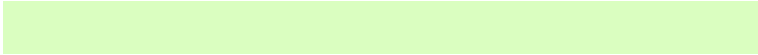
89.5948, 0.2447, 0.2764



89.5948, 0.3696, 0.3177

Complementary

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



89.5948, 0.3258, 0.3952



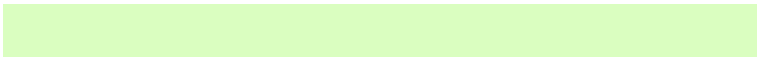
61.3384, 0.2962, 0.2643

Split Complementary

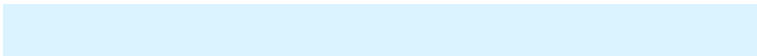
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5948, 0.3351, 0.2902



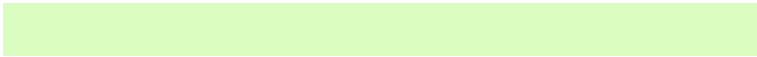
89.5948, 0.3258, 0.3952



89.5948, 0.2635, 0.2665

Square

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



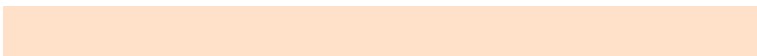
89.5948, 0.3258, 0.3952



89.5948, 0.2427, 0.3014



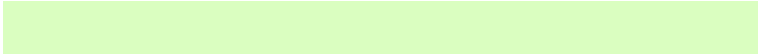
89.5948, 0.2960, 0.2718



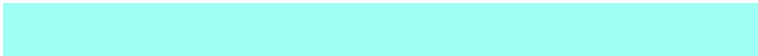
89.5948, 0.3882, 0.3491

Rectangle

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



89.5948, 0.3258, 0.3952



89.5948, 0.2666, 0.3498



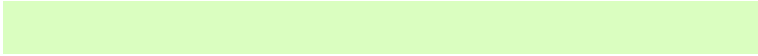
89.5948, 0.2960, 0.2718



89.5948, 0.3594, 0.3078

Sweetspot

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



89.5987, 0.3258, 0.3952



96.9895, 0.3166, 0.3465



79.8864, 0.3558, 0.3649



20.7063, 0.3169, 0.3481



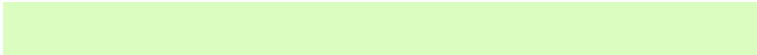
0.0000, 0.0000, 0.0000



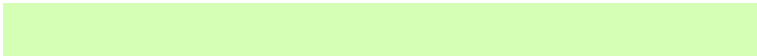
21.4041, 0.3127, 0.3290

Same Dimension

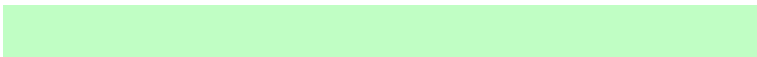
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.5987, 0.3258, 0.3952



88.8621, 0.3280, 0.4090



86.0855, 0.3072, 0.3938



20.5401, 0.3179, 0.3531



39.0833, 0.3262, 0.5792



3.8679, 0.3350, 0.5722

Inverse Universe

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



61.3384, 0.2962, 0.2643



56.1360, 0.2923, 0.2512



65.6543, 0.3186, 0.2718



17.8989, 0.3070, 0.3051



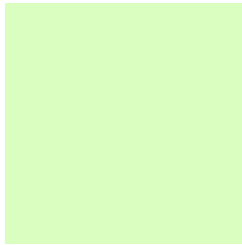
7.1578, 0.2188, 0.0979



0.7612, 0.2300, 0.1041

Previews

White Background



This preview shows how the Yxy color 89.5948, 0.3258, 0.3952 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 89.5948, 0.3258, 0.3952 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

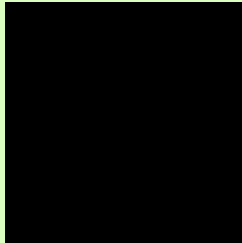
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

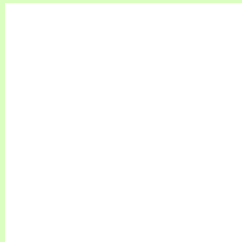
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.5948, 0.3258, 0.3952

Background



This preview shows how black text looks on a background with the Yxy color 89.5948, 0.3258, 0.3952.

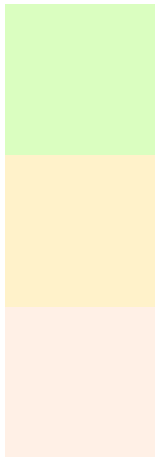


This preview shows how white text looks on a background with the Yxy color 89.5948, 0.3258, 0.3952.

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

89.5948, 0.3258, 0.3952

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

89.2933, 0.3290, 0.3389



Tritanopia

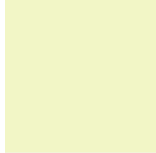
89.5835, 0.3006, 0.3180

Trichromacy



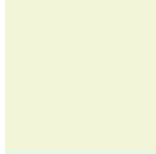
Original Color

89.5948, 0.3258, 0.3952



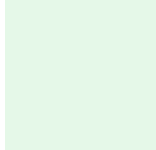
Protanomaly

88.8660, 0.3394, 0.3781



Deuteranomaly

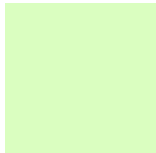
89.1399, 0.3284, 0.3585



Tritanomaly

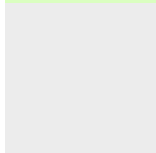
89.6190, 0.3100, 0.3454

Monochromacy



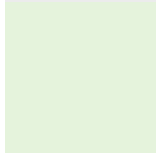
Original Color

89.5948, 0.3258, 0.3952



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

85.9265, 0.3175, 0.3530

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.5948, 0.3258, 0.3952 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(218, 254, 192)` looks like.

```
.text, #text, p{  
    color:rgb(218, 254, 192)  
}
```

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(218, 254, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 254, 192) }
```

Border

The CSS property to change the border of an element to Yxy 89.5948, 0.3258, 0.3952 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(218, 254, 192) }
```

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

```
.border{ border-color:rgb(218, 254, 192) }
```

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

Here you see how a box with a 4 pixel rgb(218, 254, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 254, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 254, 192);  
box-shadow:4px 4px 4px 4px rgb(218, 254,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 89.5948, 0.3258, 0.3952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 254, 192) }
```

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

```
.background{ background-color: rgb(218,  
254, 192) }
```

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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