

Converting Colors

$Yxy(84.2820, 0.3272, 0.3955)$

Have a look what the booklet for
Yxy(84.2820, 0.3272, 0.3955)
contains.

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Color

Yxy(84.3628, 0.3275, 0.3956)

Conversions

Conversions Part 1

Format	Color
Hex	D6F7BA
RGB	214, 247, 186
RGB Percent	84%, 97%, 73%
CMY	0.1610, 0.0313, 0.2706
CMYK	0.13, 0.00, 0.25, 0.03
HSL	93°, 79%, 85%
HSV	93°, 25%, 97%
XYZ	69.8403, 84.3628, 59.0497
YIQ	230.1790, -0.0870, -25.9670

Conversions

Conversions Part 2

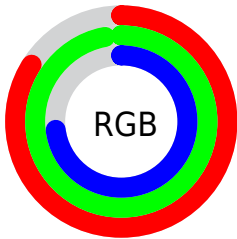
Format	Color
R _{YB}	186, 247, 219
Decimal	14088122
CIE _{Lab}	93.61, -21.26, 25.88
CIE _{LCh}	94, 33.492, 129.399
Yxy	84.3628, 0.3275, 0.3956
Android (android.graphics.Color)	4292278202 (0xFFD6F7BA)
YUV	230.1790, -21.7802, -14.1890
Hunter-Lab	91.8492, -25.0084, 26.1770

Details

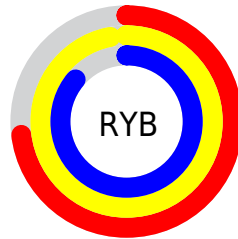
The Yxy color **84.3628, 0.3275, 0.3956** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.9015, 0.2942, 0.2633**, and the grayscale version is **79.4282, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **46.3260, 0.3299, 0.4112** is the 20% darker color. If you saturate the color by 10%, you get **81.4732, 0.3328, 0.4257**, and if you desaturate by 10%, it is **87.6070, 0.3217, 0.3671**.

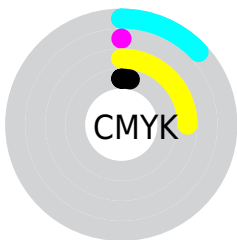
Distribution



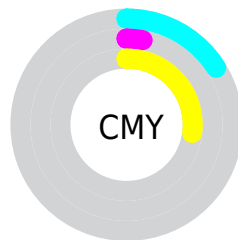
- Red (84%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (25%)
- Black (3%)





- Cyan (16%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.3628, 0.3275, 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 84.3628, 0.3275, 0.3956 by changing the saturation by 10% instead.


 84.3628, 0.3275,
0.3956

 84.3628, 0.3275,
0.3956


509.5172, 0.3215,
0.3646

 63.3150, 0.3287,
0.4027

 139.4826, 0.3256,
0.3848

 46.0961, 0.3300,
0.4115


174.3233, 0.3248,
0.3806

 32.3217, 0.3315,
0.4226


214.5306, 0.3241,
0.3770

 21.6073, 0.3333,
0.4371

260.4886, 0.3234,
0.3739

 13.5686, 0.3350,
0.4567

312.5819, 0.3229,
0.3711

 7.8213, 0.3364,
0.4846


371.1949, 0.3223,


 3.9808, 0.3359,

0.3687


436.7118, 0.3219,
0.3665


0.5267


 1.6628, 0.3549,
0.6451


 0.3994, 0.0000,
1.0000


 84.3628, 0.3275,
0.3956


 84.3628, 0.3275,
0.3956


 81.4732, 0.3328,
0.4257


 87.6070, 0.3217,
0.3671


 78.9138, 0.3372,
0.4565

 91.2073, 0.3156,
0.3406

 76.6740, 0.3402,
0.4867

 94.8465, 0.3125,
0.3214

 74.7384, 0.3414,
0.5148

 95.0151, 0.3131,
0.3214

■ 73.0897, 0.3406,
0.5391

■ 71.7085, 0.3377,
0.5582

■ 70.5719, 0.3328,
0.5713

■ 70.0534, 0.3298,
0.5763

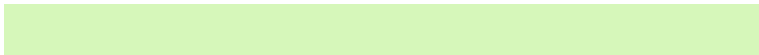
Harmonies

Analogous

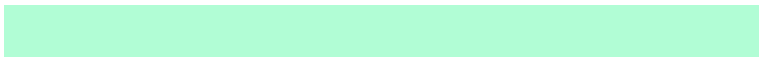
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3628, 0.3628, 0.3953



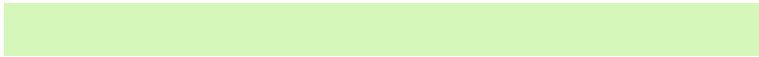
84.3628, 0.3275, 0.3956



84.3628, 0.2896, 0.3744

Triad

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



84.3628, 0.3275, 0.3956



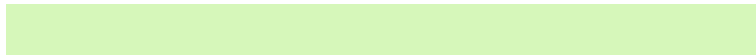
84.3628, 0.2443, 0.2773



84.3628, 0.3683, 0.3163

Complementary

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



84.3628, 0.3275, 0.3956



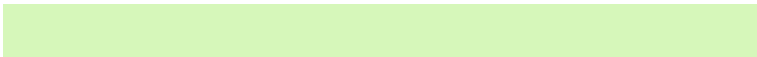
56.9015, 0.2942, 0.2633

Split Complementary

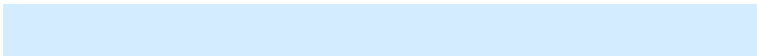
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3628, 0.3333, 0.2892



84.3628, 0.3275, 0.3956



84.3628, 0.2624, 0.2667

Square

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



84.3628, 0.3275, 0.3956



84.3628, 0.2431, 0.3029



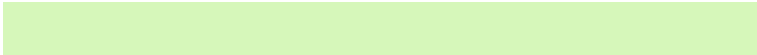
84.3628, 0.2943, 0.2714



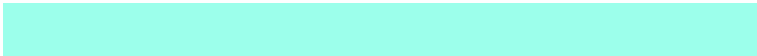
84.3628, 0.3877, 0.3476

Rectangle

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



84.3628, 0.3275, 0.3956



84.3628, 0.2679, 0.3515



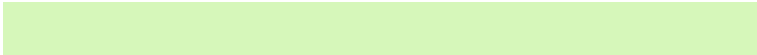
84.3628, 0.2943, 0.2714



84.3628, 0.3578, 0.3065

Sweetspot

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



84.3665, 0.3275, 0.3956



97.1140, 0.3170, 0.3465



73.7463, 0.3568, 0.3632



20.7351, 0.3174, 0.3481



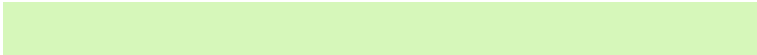
0.0000, 0.0000, 0.0000



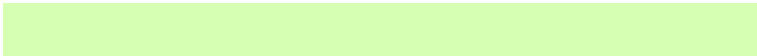
21.4041, 0.3127, 0.3290

Same Dimension

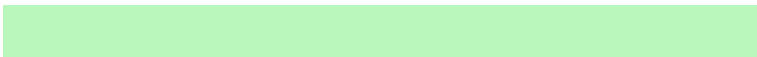
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.3665, 0.3275, 0.3956



88.9801, 0.3304, 0.4115



80.6047, 0.3083, 0.3970



18.8437, 0.3185, 0.3530



37.1236, 0.3310, 0.5754



3.3231, 0.3407, 0.5677

Inverse Universe

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



56.9015, 0.2942, 0.2633



54.4710, 0.2892, 0.2478



61.4832, 0.3171, 0.2693



16.3692, 0.3065, 0.3051



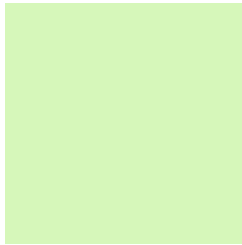
6.3130, 0.2107, 0.0935



0.6159, 0.2237, 0.1006

Previews

White Background



This preview shows how the Yxy color 84.3628, 0.3275, 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 84.3628, 0.3275, 0.3956 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

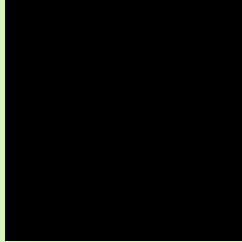
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

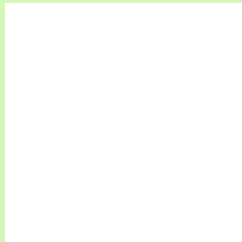
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.3628, 0.3275, 0.3956

Background



This preview shows how black text looks on a background with the Yxy color 84.3628, 0.3275, 0.3956.

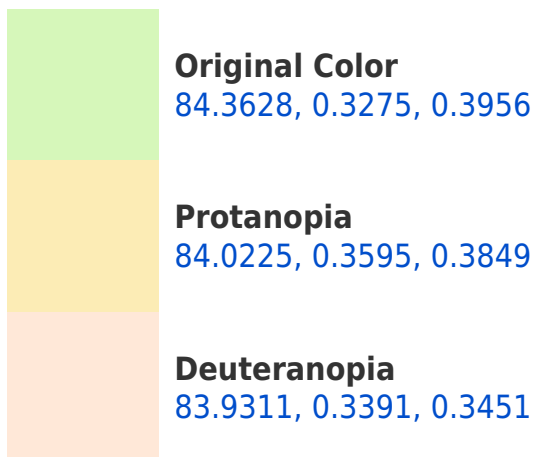


This preview shows how white text looks on a background with the Yxy color 84.3628, 0.3275, 0.3956.

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





Tritanopia

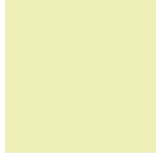
84.5378, 0.2949, 0.3117

Trichromacy



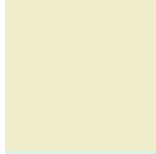
Original Color

84.3628, 0.3275, 0.3956



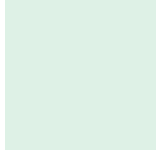
Protanomaly

83.9162, 0.3472, 0.3886



Deuteranomaly

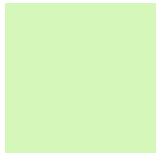
83.5014, 0.3350, 0.3622



Tritanomaly

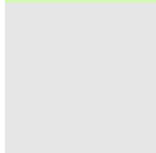
84.1534, 0.3070, 0.3405

Monochromacy



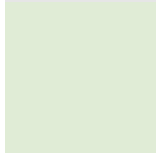
Original Color

84.3628, 0.3275, 0.3956



Achromatopsia

79.1298, 0.3127, 0.3290



Achromatomaly

80.6932, 0.3183, 0.3525

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.3628, 0.3275, 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(214, 247, 186)` looks like.

```
.text, #text, p{  
    color:rgb(214, 247, 186)  
}
```

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(214, 247, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 247, 186) }
```

Border

The CSS property to change the border of an element to Yxy 84.3628, 0.3275, 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(214, 247, 186) }
```

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

```
.border{ border-color:rgb(214, 247, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 247, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 247, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 247, 186);  
box-shadow:4px 4px 4px 4px rgb(214, 247,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 84.3628, 0.3275, 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(214, 247, 186) }
```

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

```
.background{ background-color: rgb(214,  
247, 186) }
```

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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