

Converting Colors

Yxy(81.9624, 0.3192, 0.3728)

Have a look what the booklet for
Yxy(81.9624, 0.3192, 0.3728)
contains.

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Color

Yxy(82.2156, 0.3192, 0.3725)

Conversions

Conversions Part 1

Format	Color
Hex	D7F2CA
RGB	215, 242, 202
RGB Percent	84%, 95%, 79%
CMY	0.1566, 0.0510, 0.2078
CMYK	0.11, 0.00, 0.17, 0.05
HSL	100°, 61%, 87%
HSV	100°, 17%, 95%
XYZ	70.4516, 82.2156, 68.0458
YIQ	229.3670, -3.2520, -18.1640

Conversions

Conversions Part 2

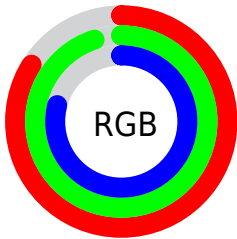
Format	Color
R_{YB}	202, 242, 229
Decimal	14152394
CIE _{Lab}	92.67, -15.90, 16.37
CIE _{LCh}	93, 22.822, 134.171
Yxy	82.2156, 0.3192, 0.3725
Android (android.graphics.Color)	4292342474 (0xFFD7F2CA)
YUV	229.3670, -13.4919, -12.5999
Hunter-Lab	90.6728, -19.9853, 18.9765

Details

The Yxy color **82.2156, 0.3192, 0.3725** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **65.3121, 0.3050, 0.2868**, and the grayscale version is **78.7519, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.7295, 0.3202, 0.3829** is the 20% darker color. If you saturate the color by 10%, you get **78.8135, 0.3228, 0.4022**, and if you desaturate by 10%, it is **86.0506, 0.3153, 0.3453**.

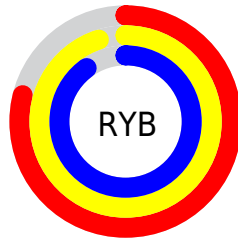
Distribution



Red (84%)

Green (95%)

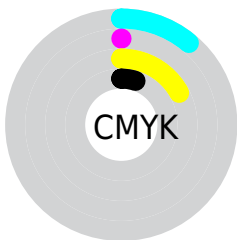
Blue (79%)



Red (79%)

Yellow (95%)

Blue (90%)

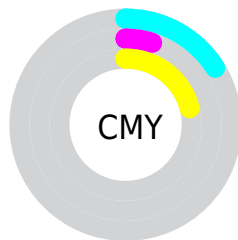


Cyan (11%)

Magenta (0%)

Yellow (17%)

Black (5%)



Cyan (16%)


Magenta (5%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.2156, 0.3192, 0.3725 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 82.2156, 0.3192, 0.3725 by changing the saturation by 10% instead.

 82.2156, 0.3192,
0.3725

 82.2156, 0.3192,
0.3725


502.3686, 0.3165,
0.3523

 61.5433, 0.3197,
0.3771

136.4763, 0.3183,
0.3655

 44.6637, 0.3203,
0.3829


170.8335, 0.3180,
0.3627

 31.1927, 0.3211,
0.3901


210.5210, 0.3177,
0.3604

 20.7456, 0.3219,
0.3997

255.9234, 0.3174,
0.3584

 12.9382, 0.3228,
0.4127

307.4249, 0.3171,
0.3566

 7.3860, 0.3237,
0.4314

365.4100, 0.3169,

 3.7046, 0.3240,

0.3550

0.4606

430.2631, 0.3167,
0.3536

■ 1.5098, 0.3340,
0.5313

■ 0.2956, 0.0000,
1.0000

■ 82.2156, 0.3192,
0.3725

■ 82.2156, 0.3192,
0.3725

■ 78.8135, 0.3228,
0.4022

■ 86.0506, 0.3153,
0.3453

■ 75.8181, 0.3258,
0.4337

■ 90.3226, 0.3113,
0.3208

■ 73.2164, 0.3279,
0.4662

■ 91.9779, 0.3133,
0.3165

■ 70.9909, 0.3288,
0.4982

■ 69.1221, 0.3282,
0.5277

■ 67.5890, 0.3260,
0.5530

■ 66.3676, 0.3222,
0.5722

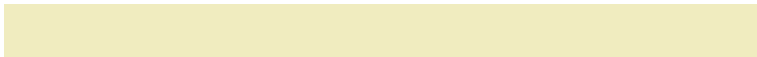
■ 65.4295, 0.3172,
0.5845

■ 65.1572, 0.3154,
0.5878

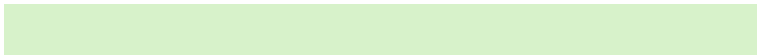
Harmonies

Analogous

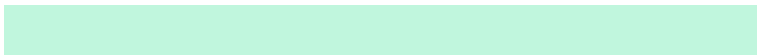
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.2156, 0.3442, 0.3754



82.2156, 0.3192, 0.3725



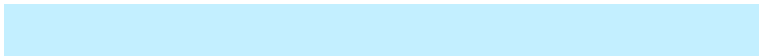
82.2156, 0.2932, 0.3563

Triad

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



82.2156, 0.3192, 0.3725



82.2156, 0.2661, 0.2914



82.2156, 0.3537, 0.3241

Complementary

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



82.2156, 0.3192, 0.3725



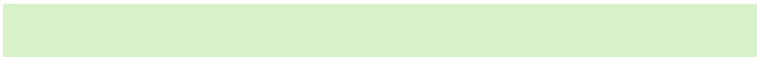
65.3121, 0.3050, 0.2868

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.



82.2156, 0.3313, 0.3038



82.2156, 0.3192, 0.3725



82.2156, 0.2808, 0.2852

Square

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



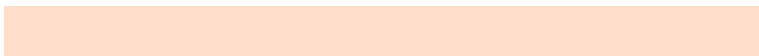
82.2156, 0.3192, 0.3725



82.2156, 0.2633, 0.3082



82.2156, 0.3045, 0.2898



82.2156, 0.3648, 0.3462

Rectangle

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



82.2156, 0.3192, 0.3725



82.2156, 0.2787, 0.3405



82.2156, 0.3045, 0.2898



82.2156, 0.3472, 0.3169

Sweetspot

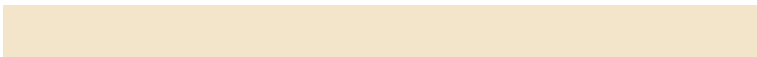
The Sweet Spot groups the original color and five complimentary colors.



82.2191, 0.3192, 0.3725



97.6127, 0.3147, 0.3414



78.9952, 0.3397, 0.3568



20.8235, 0.3150, 0.3432



0.0000, 0.0000, 0.0000



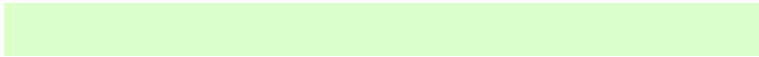
21.4041, 0.3127, 0.3290

Same Dimension

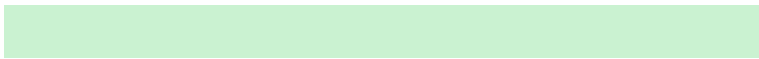
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.2191, 0.3192, 0.3725



91.1945, 0.3205, 0.3827



80.6453, 0.3067, 0.3660



17.9067, 0.3165, 0.3531



35.0721, 0.3165, 0.5869



2.9695, 0.3264, 0.5790

Inverse Universe

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



65.3121, 0.3050, 0.2868



68.6461, 0.3030, 0.2773



67.1441, 0.3194, 0.2946



15.7580, 0.3086, 0.3054



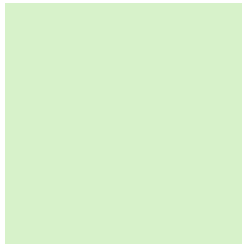
7.7078, 0.2401, 0.1096



0.6948, 0.2509, 0.1156

Previews

White Background



This preview shows how the Yxy color 82.2156, 0.3192, 0.3725 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 82.2156, 0.3192, 0.3725 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

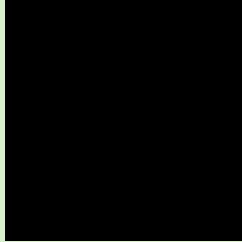
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

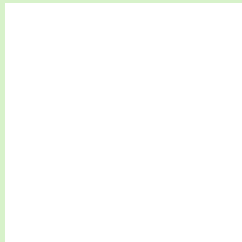
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.2156, 0.3192, 0.3725

Background



This preview shows how black text looks on a background with the Yxy color 82.2156, 0.3192, 0.3725.

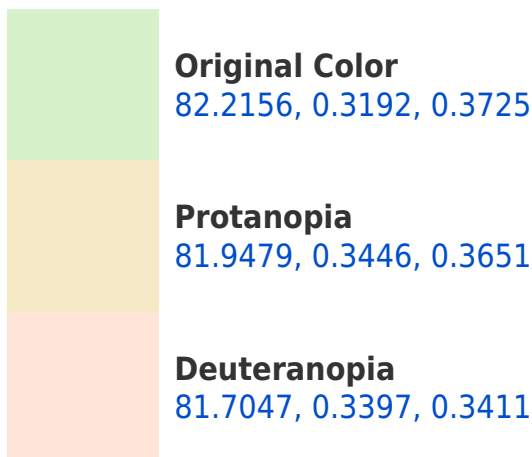


This preview shows how white text looks on a background with the Yxy color 82.2156, 0.3192, 0.3725.

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

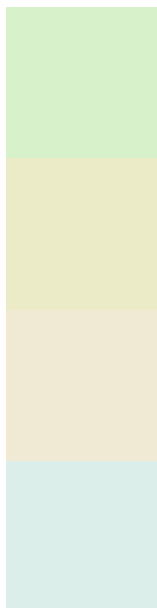




Tritanopia

82.1965, 0.2941, 0.3105

Trichromacy



Original Color

82.2156, 0.3192, 0.3725

Protanomaly

81.7766, 0.3355, 0.3680

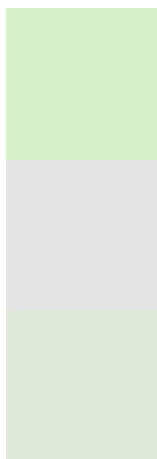
Deuteranomaly

81.5062, 0.3317, 0.3519

Tritanomaly

82.3052, 0.3034, 0.3332

Monochromacy



Original Color

82.2156, 0.3192, 0.3725

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.8074, 0.3153, 0.3450

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.2156, 0.3192, 0.3725 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(215, 242, 202)` looks like.

```
.text, #text, p{  
    color:rgb(215, 242, 202)  
}
```

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(215, 242, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 242, 202) }
```

Border

The CSS property to change the border of an element to Yxy 82.2156, 0.3192, 0.3725 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(215, 242, 202) }
```

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

```
.border{ border-color:rgb(215, 242, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 242, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 242, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 242, 202);  
box-shadow:4px 4px 4px 4px rgb(215, 242,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 82.2156, 0.3192, 0.3725 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 242, 202) }
```

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

```
.background{ background-color: rgb(215,  
242, 202) }
```

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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