

Converting Colors

$Yxy(75.8130, 0.3172, 0.3795)$

Have a look what the booklet for
Yxy(75.8130, 0.3172, 0.3795)
contains.

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Color

Yxy(75.5958, 0.3170, 0.3792)

Conversions

Conversions Part 1

Format	Color
Hex	C9EBBF
RGB	201, 235, 191
RGB Percent	79%, 92%, 75%
CMY	0.2119, 0.0784, 0.2509
CMYK	0.14, 0.00, 0.19, 0.08
HSL	106°, 52%, 84%
HSV	106°, 19%, 92%
XYZ	63.1959, 75.5958, 60.5644
YIQ	219.8180, -6.1400, -20.8920

Conversions

Conversions Part 2

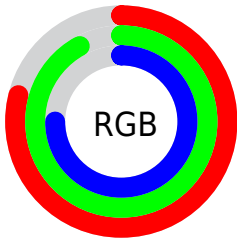
Format	Color
RYB	191, 235, 225
Decimal	13233087
CIELab	89.67, -19.08, 17.71
CIELCh	90, 26.032, 137.128
Yxy	75.5958, 0.3170, 0.3792
Android (android.graphics.Color)	4291423167 (0xFFC9EBBF)
YUV	219.8180, -14.2073, -16.5034
Hunter-Lab	86.9458, -22.4140, 19.5621

Details

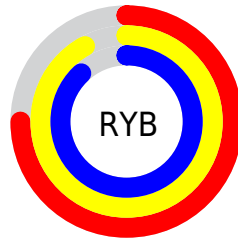
The Yxy color **75.5958, 0.3170, 0.3792** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.2893, 0.3072, 0.2815**, and the grayscale version is **71.5404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **40.2494, 0.3183, 0.3922** is the 20% darker color. If you saturate the color by 10%, you get **72.2731, 0.3189, 0.4100**, and if you desaturate by 10%, it is **79.3894, 0.3148, 0.3511**.

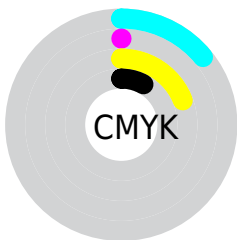
Distribution



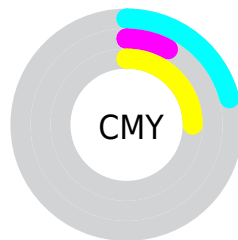
- Red (79%)
- Green (92%)
- Blue (75%)



- Red (75%)
- Yellow (92%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)




- Cyan (21%)
- Magenta (8%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.5958, 0.3170, 0.3792 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 75.5958, 0.3170, 0.3792 by changing the saturation by 10% instead.


 75.5958, 0.3170,
0.3792

 75.5958, 0.3170,
0.3792


479.9629, 0.3154,
0.3554

 56.1011, 0.3173,
0.3848

 127.1554, 0.3165,
0.3708

 40.2840, 0.3175,
0.3917


159.9891, 0.3163,
0.3676

 27.7601, 0.3178,
0.4006


198.0379, 0.3161,
0.3649

 18.1449, 0.3180,
0.4124

241.6863, 0.3160,
0.3625

 11.0540, 0.3179,
0.4289

291.3186, 0.3158,
0.3604

 6.1032, 0.3172,
0.4531

347.3192, 0.3157,

 2.9079, 0.3144,

0.3585

0.4922

410.0725, 0.3155,
0.3569

1.0839, 0.3374,
0.6626

0.0000, 0.0000,
0.0000

75.5958, 0.3170,
0.3792

75.5958, 0.3170,
0.3792

72.2731, 0.3189,
0.4100

79.3894, 0.3148,
0.3511

69.3934, 0.3202,
0.4428

83.6615, 0.3124,
0.3259

66.9403, 0.3208,
0.4765

87.9028, 0.3136,
0.3097

64.8928, 0.3203,
0.5094

■ 63.2281, 0.3188,
0.5394

■ 61.9208, 0.3160,
0.5642

■ 60.9422, 0.3124,
0.5821

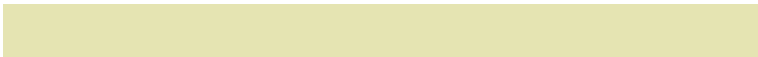
■ 60.2551, 0.3082,
0.5928

■ 60.1835, 0.3077,
0.5939

Harmonies

Analogous

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



75.5958, 0.3469, 0.3840



75.5958, 0.3170, 0.3792



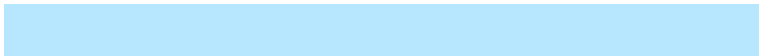
75.5958, 0.2870, 0.3586

Triad

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



75.5958, 0.3170, 0.3792



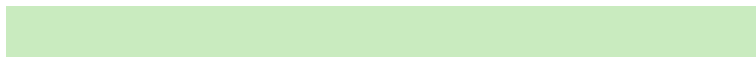
75.5958, 0.2595, 0.2837



75.5958, 0.3629, 0.3255

Complementary

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



75.5958, 0.3170, 0.3792



59.2893, 0.3072, 0.2815

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.



75.5958, 0.3374, 0.3017



75.5958, 0.3170, 0.3792



75.5958, 0.2777, 0.2779

Square

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



75.5958, 0.3170, 0.3792



75.5958, 0.2548, 0.3020



75.5958, 0.3060, 0.2846



75.5958, 0.3743, 0.3512

Rectangle

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



75.5958, 0.3170, 0.3792



75.5958, 0.2708, 0.3395



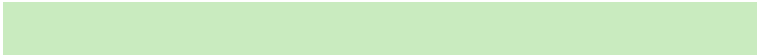
75.5958, 0.3060, 0.2846



75.5958, 0.3556, 0.3171

Sweetspot

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



75.5990, 0.3170, 0.3792



96.8766, 0.3142, 0.3440



75.1407, 0.3428, 0.3652



20.6656, 0.3143, 0.3458



0.0000, 0.0000, 0.0000



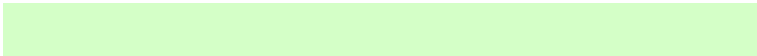
21.4041, 0.3127, 0.3290

Same Dimension

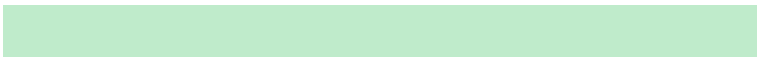
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.5990, 0.3170, 0.3792



89.5744, 0.3177, 0.3893



74.8025, 0.3033, 0.3662



17.0264, 0.3150, 0.3531



33.5383, 0.3086, 0.5932



2.6756, 0.3178, 0.5859

Inverse Universe

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



59.2893, 0.3072, 0.2815



66.9538, 0.3060, 0.2725



60.2795, 0.3237, 0.2945



15.1321, 0.3102, 0.3055



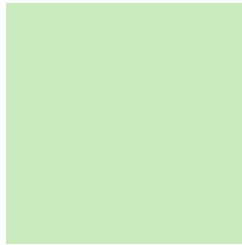
8.9233, 0.2643, 0.1230



0.7427, 0.2725, 0.1275

Previews

White Background



This preview shows how the Yxy color 75.5958, 0.3170, 0.3792 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 75.5958, 0.3170, 0.3792 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

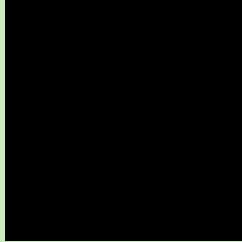
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

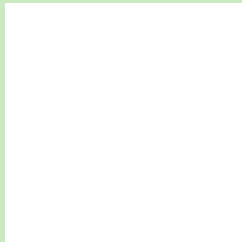
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5958, 0.3170, 0.3792

Background



This preview shows how black text looks on a background with the Yxy color 75.5958, 0.3170, 0.3792.

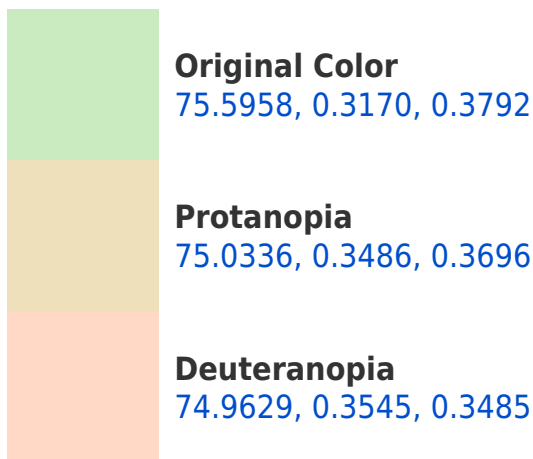


This preview shows how white text looks on a background with the Yxy color 75.5958, 0.3170, 0.3792.

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

75.2936, 0.2897, 0.3086

Trichromacy



Original Color

75.5958, 0.3170, 0.3792

Protanomaly

75.1252, 0.3368, 0.3728

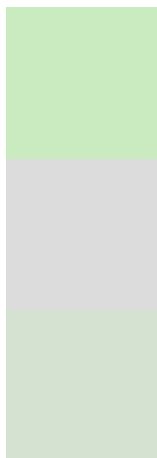
Deuteranomaly

74.9136, 0.3402, 0.3601

Tritanomaly

75.3500, 0.2998, 0.3334

Monochromacy



Original Color

75.5958, 0.3170, 0.3792

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6000, 0.3147, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5958, 0.3170, 0.3792 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(201, 235, 191)` looks like.

```
.text, #text, p{  
    color:rgb(201, 235, 191)  
}
```

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(201, 235, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 235, 191) }
```

Border

The CSS property to change the border of an element to Yxy 75.5958, 0.3170, 0.3792 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(201, 235, 191) }
```

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

```
.border{ border-color:rgb(201, 235, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 235, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 235, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 235, 191);  
box-shadow:4px 4px 4px 4px rgb(201, 235,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5958, 0.3170, 0.3792 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 235, 191) }
```

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

```
.background{ background-color: rgb(201,  
235, 191) }
```

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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