

Converting Colors

$Yxy(76.0055, 0.3026, 0.3587)$

Have a look what the booklet for
Yxy(76.0055, 0.3026, 0.3587)
contains.

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Color

Yxy(75.7559, 0.3028, 0.3585)

Conversions

Conversions Part 1

Format	Color
Hex	C4EBD1
RGB	196, 235, 209
RGB Percent	77%, 92%, 82%
CMY	0.2313, 0.0784, 0.1804
CMYK	0.17, 0.00, 0.11, 0.08
HSL	140°, 49%, 85%
HSV	140°, 17%, 92%
XYZ	63.9857, 75.7559, 71.5719
YIQ	220.3750, -14.8980, -16.3540

Conversions

Conversions Part 2

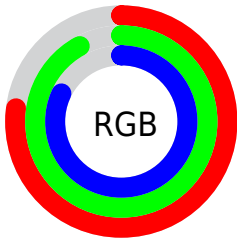
Format	Color
RYB	196, 225, 235
Decimal	12905425
CIELab	89.75, -17.59, 8.42
CIELCh	90, 19.502, 154.408
Yxy	75.7559, 0.3028, 0.3585
Android (android.graphics.Color)	4291095505 (0xFFC4EBD1)
YUV	220.3750, -5.6079, -21.3769
Hunter-Lab	87.0379, -21.0923, 12.1719

Details

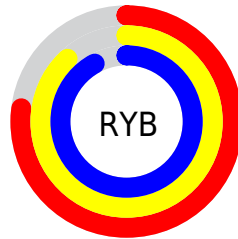
The Yxy color **75.7559, 0.3028, 0.3585** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.4266, 0.3242, 0.3012**, and the grayscale version is **71.8978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **40.3575, 0.3001, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **72.1116, 0.2971, 0.3791**, and if you desaturate by 10%, it is **79.9766, 0.3088, 0.3400**.

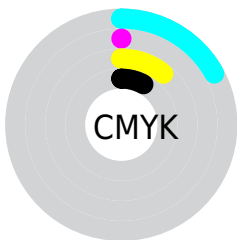
Distribution



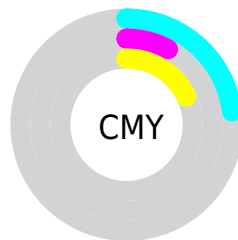
- Red (77%)
- Green (92%)
- Blue (82%)



- Red (77%)
- Yellow (88%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (11%)
- Black (8%)





- Cyan (23%)
- Magenta (8%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7559, 0.3028, 0.3585 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 75.7559, 0.3028, 0.3585 by changing the saturation by 10% instead.


 75.7559, 0.3028,
0.3585

 75.7559, 0.3028,
0.3585


480.5117, 0.3075,
0.3446

 56.2324, 0.3017,
0.3617


127.3818, 0.3045,
0.3536

 40.3893, 0.3003,
0.3657


160.2530, 0.3051,
0.3518

 27.8422, 0.2985,
0.3709


198.3421, 0.3056,
0.3502

 18.2067, 0.2962,
0.3777

242.0337, 0.3061,
0.3488

 11.0985, 0.2929,
0.3871

291.7120, 0.3065,
0.3475

 6.1331, 0.2879,
0.4010

347.7615, 0.3069,

 2.9262, 0.2798,

0.3465

0.4235

410.5666, 0.3072,
0.3455

■ 1.0933, 0.2620,
0.4805

■ 0.0000, 0.0000,
0.0000

■ 75.7559, 0.3028,
0.3585

■ 75.7559, 0.3028,
0.3585

■ 72.1116, 0.2971,
0.3791

■ 79.9766, 0.3088,
0.3400

■ 69.0090, 0.2918,
0.4018

■ 84.7875, 0.3148,
0.3236

■ 66.4242, 0.2873,
0.4263

■ 87.8969, 0.3136,
0.3097

■ 64.3278, 0.2839,
0.4519

■ 62.6875, 0.2819,
0.4780

■ 61.4666, 0.2815,
0.5034

■ 60.6227, 0.2830,
0.5270

■ 60.1027, 0.2860,
0.5476

■ 59.9708, 0.2872,
0.5540

Harmonies

Analogous

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



75.7559, 0.3261, 0.3692



75.7559, 0.3028, 0.3585



75.7559, 0.2827, 0.3390

Triad

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



75.7559, 0.3028, 0.3585



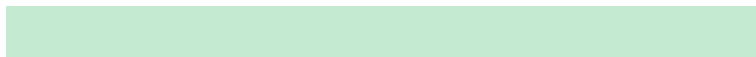
75.7559, 0.2794, 0.2911



75.7559, 0.3566, 0.3381

Complementary

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



75.7559, 0.3028, 0.3585



62.4266, 0.3242, 0.3012

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.



75.7559, 0.3432, 0.3185



75.7559, 0.3028, 0.3585



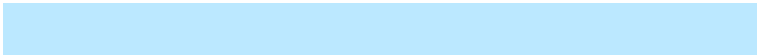
75.7559, 0.2982, 0.2920

Square

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



75.7559, 0.3028, 0.3585



75.7559, 0.2696, 0.2999



75.7559, 0.3215, 0.3020



75.7559, 0.3577, 0.3562

Rectangle

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



75.7559, 0.3028, 0.3585



75.7559, 0.2736, 0.3243



75.7559, 0.3215, 0.3020



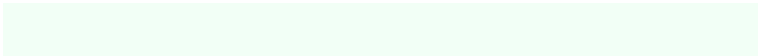
75.7559, 0.3534, 0.3315

Sweetspot

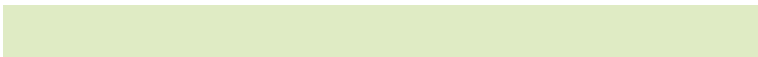
The Sweet Spot groups the original color and five complimentary colors.



75.7591, 0.3028, 0.3585



97.1258, 0.3097, 0.3373



79.0370, 0.3289, 0.3713



20.7056, 0.3093, 0.3385



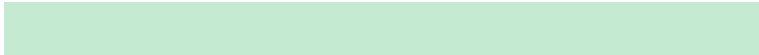
0.0000, 0.0000, 0.0000



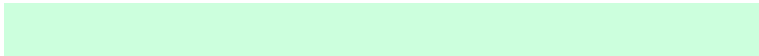
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7591, 0.3028, 0.3585



89.5770, 0.3008, 0.3655



76.7489, 0.2917, 0.3369



16.9449, 0.3070, 0.3451



33.3975, 0.2864, 0.5511



2.6398, 0.2786, 0.5231

Inverse Universe

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



62.4266, 0.3242, 0.3012



70.6197, 0.3271, 0.2951



61.4714, 0.3387, 0.3213



15.2235, 0.3189, 0.3134



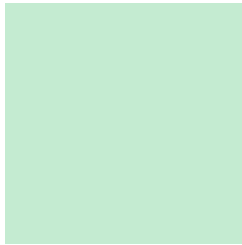
11.2043, 0.4271, 0.2126



0.8975, 0.4086, 0.2025

Previews

White Background



This preview shows how the Yxy color 75.7559, 0.3028, 0.3585 looks on a white background.

Color Contrast Check

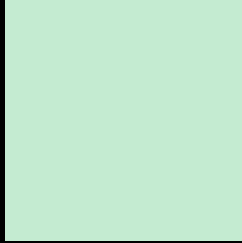
Large Text (above 18pt) WCAG AA × Fail

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 75.7559, 0.3028, 0.3585 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

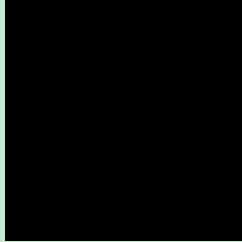
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

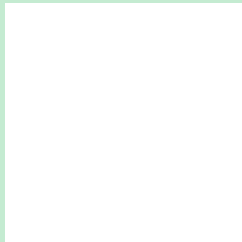
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7559, 0.3028, 0.3585

Background



This preview shows how black text looks on a background with the Yxy color 75.7559, 0.3028, 0.3585.

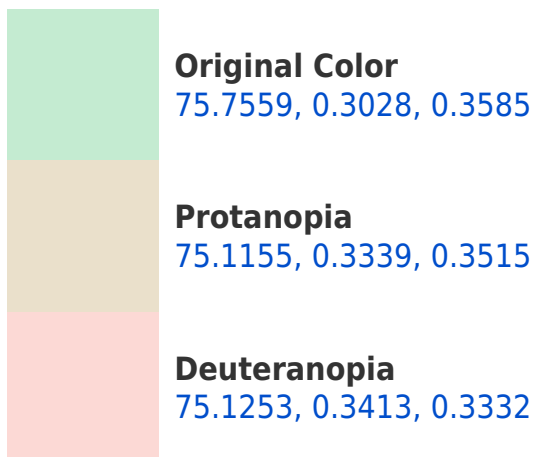


This preview shows how white text looks on a background with the Yxy color 75.7559, 0.3028, 0.3585.

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

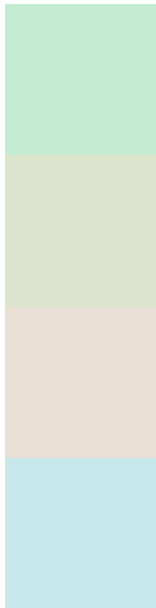




Tritanopia

75.5124, 0.2843, 0.3084

Trichromacy



Original Color

75.7559, 0.3028, 0.3585

Protanomaly

75.1102, 0.3220, 0.3542

Deuteranomaly

75.2206, 0.3264, 0.3418

Tritanomaly

75.3717, 0.2905, 0.3256

Monochromacy



Original Color

75.7559, 0.3028, 0.3585

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6572, 0.3088, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7559, 0.3028, 0.3585 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(196, 235, 209)` looks like.

```
.text, #text, p{  
    color:rgb(196, 235, 209)  
}
```

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(196, 235, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 235, 209) }
```

Border

The CSS property to change the border of an element to Yxy 75.7559, 0.3028, 0.3585 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(196, 235, 209) }
```

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

```
.border{ border-color:rgb(196, 235, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 235, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 235, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 235, 209);  
box-shadow:4px 4px 4px 4px rgb(196, 235,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7559, 0.3028, 0.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 235, 209) }
```

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

```
.background{ background-color: rgb(196,  
235, 209) }
```

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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