

Converting Colors

$Yxy(75.2143, 0.3024, 0.3603)$

Have a look what the booklet for
Yxy(75.2143, 0.3024, 0.3603)
contains.

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Color

Yxy(75.3910, 0.3027, 0.3610)

Conversions

Conversions Part 1

Format	Color
Hex	C2EBCF
RGB	194, 235, 207
RGB Percent	76%, 92%, 81%
CMY	0.2392, 0.0784, 0.1883
CMYK	0.17, 0.00, 0.12, 0.08
HSL	139°, 51%, 84%
HSV	139°, 17%, 92%
XYZ	63.2157, 75.3910, 70.2327
YIQ	219.5490, -15.4480, -17.4000

Conversions

Conversions Part 2

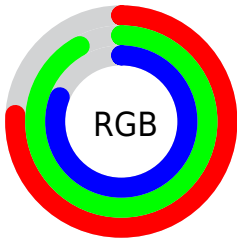
Format	Color
RYB	194, 225, 235
Decimal	12774351
CIELab	89.58, -18.62, 9.22
CIELCh	90, 20.779, 153.652
Yxy	75.3910, 0.3027, 0.3610
Android (android.graphics.Color)	4290964431 (0xFFC2EBCF)
YUV	219.5490, -6.1867, -22.4065
Hunter-Lab	86.8280, -21.9909, 12.8216

Details

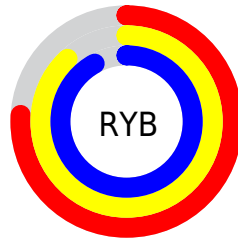
The Yxy color **75.3910, 0.3027, 0.3610** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **61.5227, 0.3244, 0.2990**, and the grayscale version is **71.2919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **40.1156, 0.3000, 0.3682** is the 20% darker color. If you saturate the color by 10%, you get **71.7805, 0.2972, 0.3824**, and if you desaturate by 10%, it is **79.5796, 0.3084, 0.3418**.

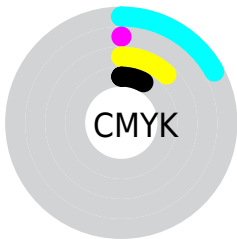
Distribution



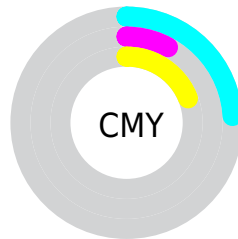
- Red (76%)
- Green (92%)
- Blue (81%)



- Red (76%)
- Yellow (88%)
- Blue (92%)



- Cyan (17%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)





- Cyan (24%)
- Magenta (8%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.3910, 0.3027, 0.3610 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 75.3910, 0.3027, 0.3610 by changing the saturation by 10% instead.

 75.3910, 0.3027,
0.3610

 75.3910, 0.3027,
0.3610


479.2604, 0.3075,
0.3459

 55.9333, 0.3016,
0.3645


 126.8657, 0.3044,
0.3557

 40.1494, 0.3002,
0.3689

159.6514, 0.3050,
0.3537

 27.6551, 0.2983,
0.3745


197.6486, 0.3056,
0.3519

 18.0658, 0.2959,
0.3819

241.2417, 0.3061,
0.3504

 10.9972, 0.2925,
0.3923

290.8150, 0.3065,
0.3491

 6.0650, 0.2873,
0.4075

346.7530, 0.3069,

 2.8846, 0.2787,

0.3479

0.4324

409.4400, 0.3072,
0.3469

■ 1.0718, 0.2591,
0.5022

■ 0.0000, 0.0000,
0.0000

■ 75.3910, 0.3027,
0.3610

■ 75.3910, 0.3027,
0.3610

■ 71.7805, 0.2972,
0.3824

■ 79.5796, 0.3084,
0.3418

■ 68.7130, 0.2922,
0.4058

■ 84.3605, 0.3142,
0.3249

■ 66.1643, 0.2879,
0.4311

■ 87.9013, 0.3136,
0.3097

■ 64.1047, 0.2847,
0.4574

■ 62.5011, 0.2829,
0.4840

■ 61.3163, 0.2828,
0.5097

■ 60.5070, 0.2844,
0.5332

■ 60.0163, 0.2875,
0.5535

■ 59.9203, 0.2884,
0.5582

Harmonies

Analogous

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



75.3910, 0.3275, 0.3721



75.3910, 0.3027, 0.3610



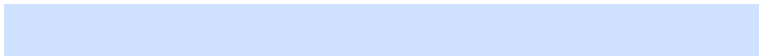
75.3910, 0.2812, 0.3402

Triad

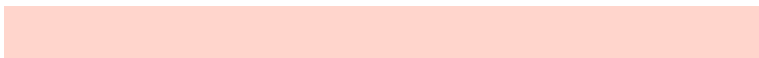
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.3910, 0.3027, 0.3610



75.3910, 0.2768, 0.2887



75.3910, 0.3594, 0.3381

Complementary

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



75.3910, 0.3027, 0.3610



61.5227, 0.3244, 0.2990

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.



75.3910, 0.3447, 0.3173



75.3910, 0.3027, 0.3610



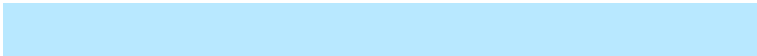
75.3910, 0.2966, 0.2895

Square

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



75.3910, 0.3027, 0.3610



75.3910, 0.2666, 0.2983



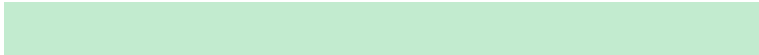
75.3910, 0.3215, 0.2999



75.3910, 0.3609, 0.3575

Rectangle

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



75.3910, 0.3027, 0.3610



75.3910, 0.2713, 0.3245



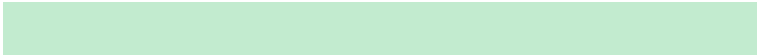
75.3910, 0.3215, 0.2999



75.3910, 0.3558, 0.3310

Sweetspot

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



75.3942, 0.3027, 0.3610



97.1128, 0.3098, 0.3375



78.9575, 0.3302, 0.3736



20.7024, 0.3094, 0.3388



0.0000, 0.0000, 0.0000



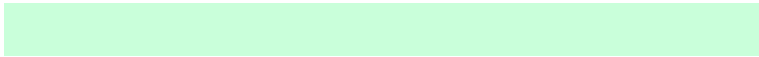
21.4041, 0.3127, 0.3290

Same Dimension

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



75.3942, 0.3027, 0.3610



89.0824, 0.3007, 0.3685



76.4259, 0.2911, 0.3381



16.9407, 0.3073, 0.3455



33.3662, 0.2876, 0.5553



2.6369, 0.2799, 0.5275

Inverse Universe

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



61.5227, 0.3244, 0.2990



69.4200, 0.3273, 0.2925



60.5207, 0.3398, 0.3201



15.2280, 0.3186, 0.3130



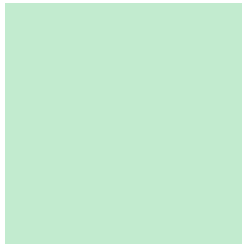
11.2794, 0.4206, 0.2091



0.9030, 0.4034, 0.1996

Previews

White Background



This preview shows how the Yxy color 75.3910, 0.3027, 0.3610 looks on a white background.

Color Contrast Check

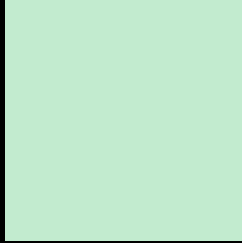
Large Text (above 18pt) WCAG AA × Fail

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 75.3910, 0.3027, 0.3610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

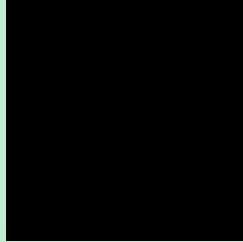
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

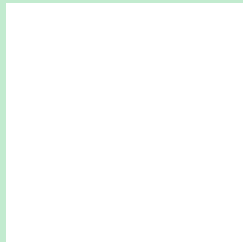
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.3910, 0.3027, 0.3610

Background



This preview shows how black text looks on a background with the Yxy color 75.3910, 0.3027, 0.3610.

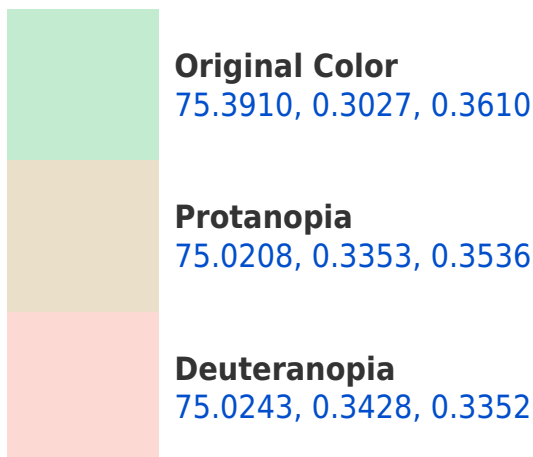


This preview shows how white text looks on a background with the Yxy color 75.3910, 0.3027, 0.3610.

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

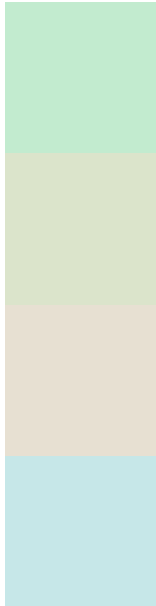




Tritanopia

75.1715, 0.2836, 0.3094

Trichromacy



Original Color

75.3910, 0.3027, 0.3610

Protanomaly

74.8587, 0.3226, 0.3565

Deuteranomaly

74.9534, 0.3270, 0.3440

Tritanomaly

74.9838, 0.2904, 0.3278

Monochromacy



Original Color

75.3910, 0.3027, 0.3610

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6056, 0.3094, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.3910, 0.3027, 0.3610 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(194, 235, 207)` looks like.

```
.text, #text, p{  
    color:rgb(194, 235, 207)  
}
```

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(194, 235, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 235, 207) }
```

Border

The CSS property to change the border of an element to Yxy 75.3910, 0.3027, 0.3610 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(194, 235, 207) }
```

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

```
.border{ border-color:rgb(194, 235, 207) }
```

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

Here you see how a box with a 4 pixel rgb(194, 235, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 235, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 235, 207);  
box-shadow:4px 4px 4px 4px rgb(194, 235,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 75.3910, 0.3027, 0.3610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 235, 207) }
```

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

```
.background{ background-color: rgb(194,  
235, 207) }
```

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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