

Converting Colors

Yxy(67.8646, 0.3148, 0.3709)

Have a look what the booklet for
Yxy(67.8646, 0.3148, 0.3709)
contains.

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Color

Yxy(67.8755, 0.3150, 0.3704)

Conversions

Conversions Part 1

Format	Color
Hex	C2DFBC
RGB	194, 223, 188
RGB Percent	76%, 87%, 74%
CMY	0.2390, 0.1255, 0.2626
CMYK	0.13, 0.00, 0.16, 0.13
HSL	110°, 35%, 81%
HSV	110°, 16%, 87%
XYZ	57.7235, 67.8755, 57.6502
YIQ	210.3390, -6.0490, -17.0330

Conversions

Conversions Part 2

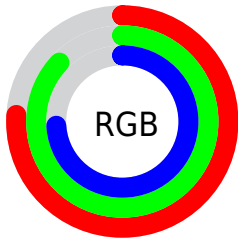
Format	Color
RYB	188, 223, 217
Decimal	12771260
CIELab	85.94, -15.99, 13.97
CIELCh	86, 21.232, 138.867
Yxy	67.8755, 0.3150, 0.3704
Android (android.graphics.Color)	4290961340 (0xFFC2DFBC)
YUV	210.3390, -11.0131, -14.3293
Hunter-Lab	82.3866, -19.1120, 16.1823

Details

The Yxy color **67.8755, 0.3150, 0.3704** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.0530, 0.3097, 0.2898**, and the grayscale version is **64.7673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5609, 0.3166, 0.3396**, and **35.3300, 0.3148, 0.3810** is the 20% darker color. If you saturate the color by 10%, you get **64.6960, 0.3161, 0.4006**, and if you desaturate by 10%, it is **71.5129, 0.3136, 0.3431**.

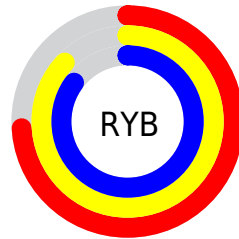
Distribution



Red (76%)

Green (87%)

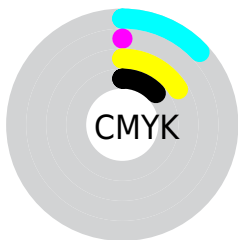
Blue (74%)



Red (74%)

Yellow (87%)

Blue (85%)

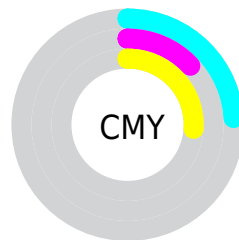


Cyan (13%)

Magenta (0%)

Yellow (16%)

Black (13%)



Cyan (24%)


Magenta (13%)


Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8755, 0.3150, 0.3704 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 67.8755, 0.3150, 0.3704 by changing the saturation by 10% instead.


 67.8755, 0.3150,
0.3704

 67.8755, 0.3150,
0.3704

453.0548, 0.3142,
0.3505

 49.7965, 0.3151,
0.3751

 116.1740, 0.3148,
0.3633

 35.2517, 0.3152,
0.3811


147.1623, 0.3147,
0.3606

 23.8568, 0.3153,
0.3888


183.2224, 0.3146,
0.3583

 15.2274, 0.3153,
0.3992

224.7388, 0.3145,
0.3563

 8.9792, 0.3150,
0.4139

272.0958, 0.3144,
0.3546

 4.7276, 0.3141,
0.4363


325.6779, 0.3143,

 2.0883, 0.3112,

0.3531

0.4742


385.8694, 0.3143,
0.3517


 0.6581, 0.2632,
0.7368


 0.0000, 0.0000,
0.0000

 67.8755, 0.3150,
0.3704


 67.8755, 0.3150,
0.3704

 64.6960, 0.3161,
0.4006


 71.5129, 0.3136,
0.3431


 61.9478, 0.3169,
0.4333

 75.6164, 0.3120,
0.3189

 59.6147, 0.3170,
0.4674

 80.2048, 0.3104,
0.2976

 57.6761, 0.3164,
0.5013

 81.2511, 0.3142,
0.2979

■ 56.1099, 0.3149,
0.5329

■ 54.8913, 0.3126,
0.5599

■ 53.9926, 0.3096,
0.5801

■ 53.3813, 0.3062,
0.5925

■ 53.1904, 0.3048,
0.5962

Harmonies

Analogous

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



67.8755, 0.3404, 0.3755



67.8755, 0.3150, 0.3704



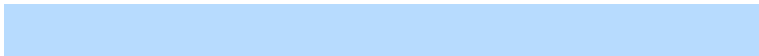
67.8755, 0.2897, 0.3526

Triad

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



67.8755, 0.3150, 0.3704



67.8755, 0.2680, 0.2900



67.8755, 0.3560, 0.3275

Complementary

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



67.8755, 0.3150, 0.3704



56.0530, 0.3097, 0.2898

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.



67.8755, 0.3351, 0.3068



67.8755, 0.3150, 0.3704



67.8755, 0.2843, 0.2855

Square

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



67.8755, 0.3150, 0.3704



67.8755, 0.2633, 0.3052



67.8755, 0.3087, 0.2917



67.8755, 0.3648, 0.3494

Rectangle

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



67.8755, 0.3150, 0.3704



67.8755, 0.2762, 0.3365



67.8755, 0.3087, 0.2917



67.8755, 0.3501, 0.3203

Sweetspot

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



67.8784, 0.3150, 0.3704



97.2586, 0.3135, 0.3415



68.7291, 0.3372, 0.3609



20.7377, 0.3136, 0.3433



0.0000, 0.0000, 0.0000



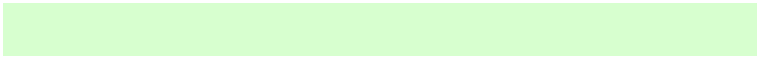
21.4041, 0.3127, 0.3290

Same Dimension

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



67.8784, 0.3150, 0.3704



90.4333, 0.3154, 0.3805



67.5940, 0.3037, 0.3573



15.4500, 0.3141, 0.3530



31.3114, 0.3055, 0.5956



2.2047, 0.3148, 0.5883

Inverse Universe

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



56.0530, 0.3097, 0.2898



71.3404, 0.3089, 0.2808



56.4142, 0.3230, 0.3022



13.8101, 0.3110, 0.3057



9.2130, 0.2779, 0.1304



0.6705, 0.2849, 0.1343

Previews

White Background



This preview shows how the Yxy color 67.8755, 0.3150, 0.3704 looks on a white background.

Color Contrast Check

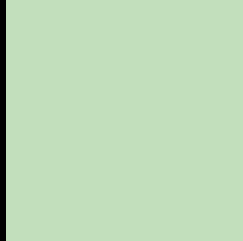
Large Text (above 18pt) WCAG AA × Fail

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 67.8755, 0.3150, 0.3704 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

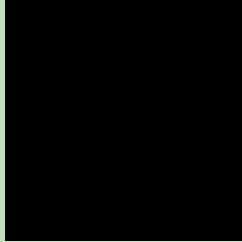
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

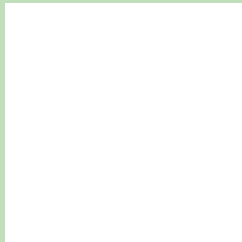
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8755, 0.3150, 0.3704

Background



This preview shows how black text looks on a background with the Yxy color 67.8755, 0.3150, 0.3704.

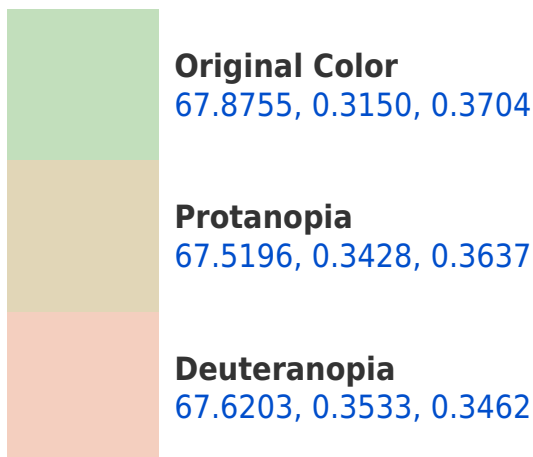


This preview shows how white text looks on a background with the Yxy color 67.8755, 0.3150, 0.3704.

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

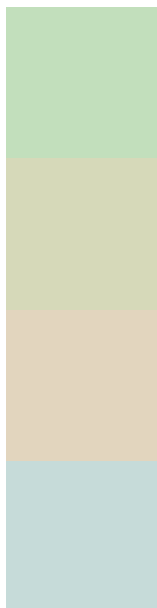




Tritanopia

67.9837, 0.2907, 0.3099

Trichromacy



Original Color

67.8755, 0.3150, 0.3704

Protanomaly

67.4246, 0.3324, 0.3656

Deuteranomaly

67.4750, 0.3387, 0.3546

Tritanomaly

67.6786, 0.2993, 0.3313

Monochromacy



Original Color

67.8755, 0.3150, 0.3704

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.7025, 0.3135, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8755, 0.3150, 0.3704 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, 223, 188)` looks like.

```
.text, #text, p{  
    color:rgb(194, 223, 188)  
}
```

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, 223, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 223, 188) }
```

Border

The CSS property to change the border of an element to Yxy 67.8755, 0.3150, 0.3704 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, 223, 188) }
```

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

```
.border{ border-color:rgb(194, 223, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 223, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 223, 188); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 223, 188); box-shadow:4px 4px 4px 4px rgb(194, 223, 188) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8755, 0.3150, 0.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 223, 188) }
```

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

```
.background{ background-color: rgb(194,  
223, 188) }
```

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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