

Converting Colors

$Yxy(70.6484, 0.3122, 0.3674)$

Have a look what the booklet for
Yxy(70.6484, 0.3122, 0.3674)
contains.

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Color

Yxy(70.5690, 0.3123, 0.3675)

Conversions

Conversions Part 1

Format	Color
Hex	C4E3C2
RGB	196, 227, 194
RGB Percent	77%, 89%, 76%
CMY	0.2314, 0.1098, 0.2393
CMYK	0.14, 0.00, 0.15, 0.11
HSL	116°, 37%, 83%
HSV	116°, 15%, 89%
XYZ	59.9692, 70.5690, 61.4862
YIQ	213.9690, -7.8830, -16.8350

Conversions

Conversions Part 2

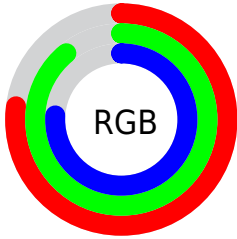
Format	Color
RYB	194, 227, 225
Decimal	12903362
CIELab	87.28, -16.31, 12.75
CIELCh	87, 20.699, 141.980
Yxy	70.5690, 0.3123, 0.3675
Android (android.graphics.Color)	4291093442 (0xFFC4E3C2)
YUV	213.9690, -9.8447, -15.7588
Hunter-Lab	84.0054, -19.5828, 15.4075

Details

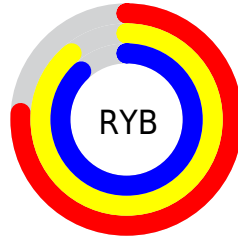
The Yxy color **70.5690, 0.3123, 0.3675** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.1265, 0.3128, 0.2930**, and the grayscale version is **67.2952, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3677, 0.3138, 0.3328**, and **37.1493, 0.3122, 0.3785** is the 20% darker color. If you saturate the color by 10%, you get **66.9709, 0.3118, 0.3980**, and if you desaturate by 10%, it is **74.7349, 0.3126, 0.3403**.

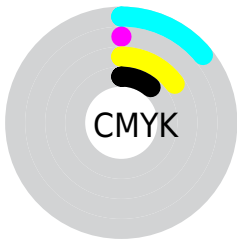
Distribution



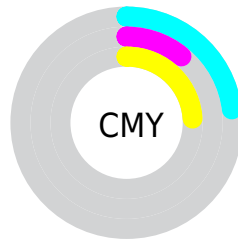
- Red (77%)
- Green (89%)
- Blue (76%)



- Red (76%)
- Yellow (89%)
- Blue (88%)



- Cyan (14%)
- Magenta (0%)
- Yellow (15%)
- Black (11%)




- Cyan (23%)
- Magenta (11%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.5690, 0.3123, 0.3675 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 70.5690, 0.3123, 0.3675 by changing the saturation by 10% instead.

 70.5690, 0.3123,
0.3675

 70.5690, 0.3123,
0.3675


462.5453, 0.3127,
0.3491

 51.9905, 0.3121,
0.3718


 120.0198, 0.3125,
0.3610

 36.9975, 0.3119,
0.3773

151.6610, 0.3126,
0.3585

 25.2056, 0.3116,
0.3843


188.4252, 0.3126,
0.3564

 16.2303, 0.3110,
0.3937

230.6968, 0.3126,
0.3545

 9.6873, 0.3101,
0.4069

278.8602, 0.3127,
0.3529

 5.1921, 0.3083,
0.4268


333.2999, 0.3127,

 2.3604, 0.3044,


0.3515


0.4600


394.4001, 0.3127,
0.3503


 0.8054, 0.3133,
0.6867


 0.0000, 0.0000,
0.0000


 70.5690, 0.3123,
0.3675


 70.5690, 0.3123,
0.3675


 66.9709, 0.3118,
0.3980


 74.7349, 0.3126,
0.3403

 63.9075, 0.3110,
0.4314

 79.4822, 0.3128,
0.3164

 61.3559, 0.3099,
0.4666

 83.4222, 0.3140,
0.3019

 59.2883, 0.3085,
0.5018

■ 57.6740, 0.3069,
0.5348

■ 56.4788, 0.3051,
0.5628

■ 55.6639, 0.3033,
0.5834

■ 55.1828, 0.3016,
0.5955

■ 55.0347, 0.3010,
0.5992

Harmonies

Analogous

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



70.5690, 0.3371, 0.3738



70.5690, 0.3123, 0.3675



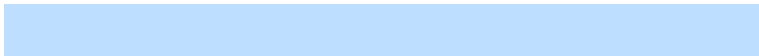
70.5690, 0.2883, 0.3494

Triad

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



70.5690, 0.3123, 0.3675



70.5690, 0.2708, 0.2905



70.5690, 0.3559, 0.3299

Complementary

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



70.5690, 0.3123, 0.3675



60.1265, 0.3128, 0.2930

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.



70.5690, 0.3368, 0.3095



70.5690, 0.3123, 0.3675



70.5690, 0.2875, 0.2873

Square

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



70.5690, 0.3123, 0.3675



70.5690, 0.2650, 0.3042



70.5690, 0.3115, 0.2942



70.5690, 0.3629, 0.3508

Rectangle

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



70.5690, 0.3123, 0.3675



70.5690, 0.2759, 0.3338



70.5690, 0.3115, 0.2942



70.5690, 0.3506, 0.3228

Sweetspot

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



70.5720, 0.3123, 0.3675



97.5891, 0.3126, 0.3389



73.9716, 0.3348, 0.3627



20.7940, 0.3126, 0.3409



0.0000, 0.0000, 0.0000



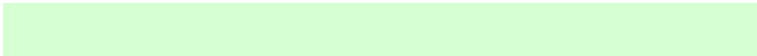
21.4041, 0.3127, 0.3290

Same Dimension

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



70.5720, 0.3123, 0.3675



90.5973, 0.3122, 0.3750



70.9773, 0.3020, 0.3506



16.1310, 0.3125, 0.3532



32.1107, 0.3014, 0.5989



2.3878, 0.3052, 0.5959

Inverse Universe

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



60.1265, 0.3128, 0.2930



74.8928, 0.3128, 0.2865



59.6952, 0.3251, 0.3084



14.5680, 0.3128, 0.3058



11.5138, 0.3057, 0.1458



0.8645, 0.3080, 0.1471

Previews

White Background



This preview shows how the Yxy color 70.5690, 0.3123, 0.3675 looks on a white background.

Color Contrast Check

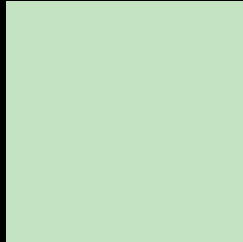
Large Text (above 18pt) WCAG AA × Fail

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 70.5690, 0.3123, 0.3675 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

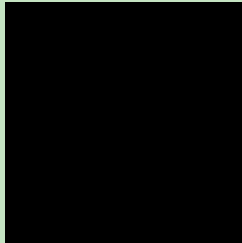
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

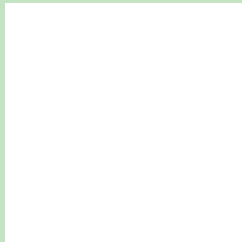
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.5690, 0.3123, 0.3675

Background



This preview shows how black text looks on a background with the Yxy color 70.5690, 0.3123, 0.3675.



This preview shows how white text looks on a background with the Yxy color 70.5690, 0.3123, 0.3675.

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

**Original Color**

70.5690, 0.3123, 0.3675

Protanopia

70.4749, 0.3409, 0.3609

Deuteranopia

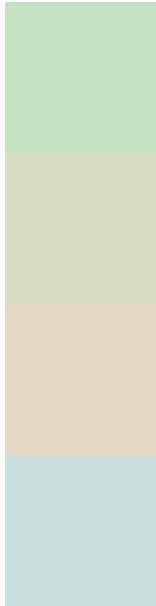
69.8986, 0.3505, 0.3428



Tritanopia

70.5825, 0.2897, 0.3102

Trichromacy



Original Color

70.5690, 0.3123, 0.3675

Protanomaly

70.2262, 0.3300, 0.3628

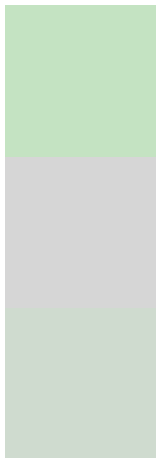
Deuteranomaly

69.5912, 0.3355, 0.3510

Tritanomaly

70.3286, 0.2975, 0.3301

Monochromacy



Original Color

70.5690, 0.3123, 0.3675

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.4334, 0.3121, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.5690, 0.3123, 0.3675 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, 227, 194)` looks like.

```
.text, #text, p{  
    color:rgb(196, 227, 194)  
}
```

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, 227, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 227, 194) }
```

Border

The CSS property to change the border of an element to Yxy 70.5690, 0.3123, 0.3675 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, 227, 194) }
```

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

```
.border{ border-color:rgb(196, 227, 194) }
```

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

Here you see how a box with a 4 pixel rgb(196, 227, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 227, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 227, 194);  
box-shadow:4px 4px 4px 4px rgb(196, 227,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 70.5690, 0.3123, 0.3675 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 227, 194) }
```

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

```
.background{ background-color: rgb(196,  
227, 194) }
```

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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