

Converting Colors

$Yxy(67.4822, 0.3132, 0.3678)$

Have a look what the booklet for
Yxy(67.4822, 0.3132, 0.3678)
contains.

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Color

Yxy(67.2977, 0.3130, 0.3670)

Conversions

Conversions Part 1

Format	Color
Hex	C1DEBE
RGB	193, 222, 190
RGB Percent	76%, 87%, 75%
CMY	0.2434, 0.1293, 0.2549
CMYK	0.13, 0.00, 0.14, 0.13
HSL	114°, 33%, 81%
HSV	114°, 14%, 87%
XYZ	57.3956, 67.2977, 58.6792
YIQ	209.6810, -7.0120, -16.1000

Conversions

Conversions Part 2

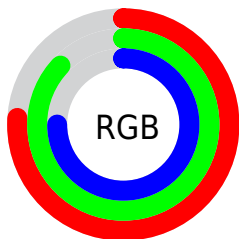
Format	Color
RYB	190, 222, 219
Decimal	12705470
CIELab	85.65, -15.54, 12.51
CIELCh	86, 19.952, 141.174
Yxy	67.2977, 0.3130, 0.3670
Android (android.graphics.Color)	4290895550 (0xFFC1DEBE)
YUV	209.6810, -9.7027, -14.6292
Hunter-Lab	82.0352, -18.6747, 15.0149

Details

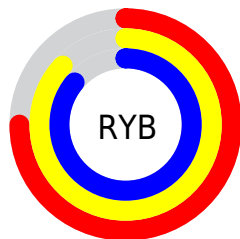
The Yxy color **67.2977, 0.3130, 0.3670** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **57.1754, 0.3121, 0.2933**, and the grayscale version is **64.2917, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4978, 0.3148, 0.3377**, and **34.9325, 0.3123, 0.3764** is the 20% darker color. If you saturate the color by 10%, you get **63.9315, 0.3129, 0.3973**, and if you desaturate by 10%, it is **71.1789, 0.3128, 0.3399**.

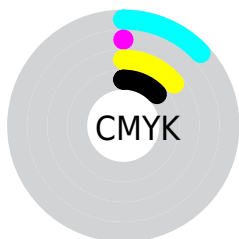
Distribution



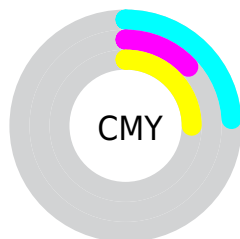
- Red (76%)
- Green (87%)
- Blue (75%)



- Red (75%)
- Yellow (87%)
- Blue (86%)



- Cyan (13%)
- Magenta (0%)
- Yellow (14%)
- Black (13%)



- Cyan (24%)
- Magenta (13%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2977, 0.3130, 0.3670 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 67.2977, 0.3130, 0.3670 by changing the saturation by 10% instead.


 67.2977, 0.3130,
0.3670

 67.2977, 0.3130,
0.3670

451.0037, 0.3131,
0.3487

 49.3266, 0.3129,
0.3714


 115.3469, 0.3131,
0.3605

 34.8786, 0.3128,
0.3768


146.1937, 0.3131,
0.3580

 23.5694, 0.3126,
0.3840


182.1013, 0.3131,
0.3559

 15.0145, 0.3122,
0.3935

223.4540, 0.3131,
0.3541

 8.8296, 0.3114,
0.4071

270.6362, 0.3131,
0.3525

 4.6302, 0.3099,
0.4278


324.0323, 0.3131,

 2.0320, 0.3061,

0.3511

0.4630


384.0266, 0.3131,
0.3498

 0.6259, 0.2561,
0.7439


 0.0000, 0.0000,
0.0000

 67.2977, 0.3130,
0.3670


 67.2977, 0.3130,
0.3670


 63.9315, 0.3129,
0.3973


 71.1789, 0.3128,
0.3399

 61.0504, 0.3126,
0.4303

 75.5865, 0.3125,
0.3161

 58.6346, 0.3118,
0.4651

 80.4381, 0.3131,
0.2969

 56.6597, 0.3107,
0.5001

 80.7337, 0.3142,
0.2970

■ 55.0988, 0.3091,
0.5328

■ 53.9224, 0.3071,
0.5608

■ 53.0967, 0.3049,
0.5818

■ 52.5820, 0.3027,
0.5944

■ 52.4062, 0.3018,
0.5986

Harmonies

Analogous

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



67.2977, 0.3372, 0.3729



67.2977, 0.3130, 0.3670



67.2977, 0.2894, 0.3496

Triad

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



67.2977, 0.3130, 0.3670



67.2977, 0.2713, 0.2916



67.2977, 0.3546, 0.3293

Complementary

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



67.2977, 0.3130, 0.3670



57.1754, 0.3121, 0.2933

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.



67.2977, 0.3356, 0.3095



67.2977, 0.3130, 0.3670



67.2977, 0.2875, 0.2880

Square

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



67.2977, 0.3130, 0.3670



67.2977, 0.2660, 0.3052



67.2977, 0.3109, 0.2946



67.2977, 0.3618, 0.3499

Rectangle

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



67.2977, 0.3130, 0.3670



67.2977, 0.2770, 0.3343



67.2977, 0.3109, 0.2946



67.2977, 0.3493, 0.3224

Sweetspot

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



67.3006, 0.3130, 0.3670



97.6454, 0.3128, 0.3389



69.8192, 0.3347, 0.3612



20.8082, 0.3128, 0.3409



0.0000, 0.0000, 0.0000



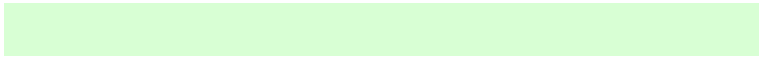
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3006, 0.3130, 0.3670



90.7977, 0.3130, 0.3749



67.5036, 0.3028, 0.3516



15.3970, 0.3129, 0.3531



31.1424, 0.3022, 0.5982



2.1796, 0.3080, 0.5936

Inverse Universe

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



57.1754, 0.3121, 0.2933



74.6460, 0.3119, 0.2864



56.9741, 0.3242, 0.3074



13.8684, 0.3123, 0.3058



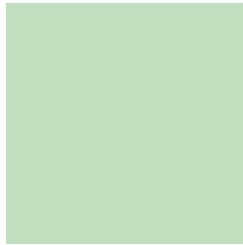
10.5871, 0.2980, 0.1415



0.7528, 0.3018, 0.1436

Previews

White Background



This preview shows how the Yxy color 67.2977, 0.3130, 0.3670 looks on a white background.

Color Contrast Check

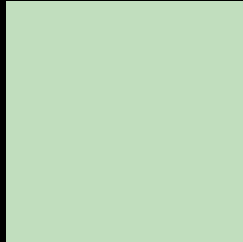
Large Text (above 18pt) WCAG AA × Fail

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 67.2977, 0.3130, 0.3670 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

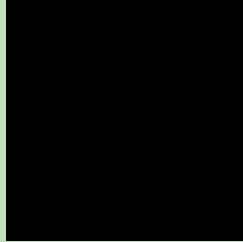
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.2977, 0.3130, 0.3670

Background



This preview shows how black text looks on a background with the Yxy color 67.2977, 0.3130, 0.3670.



This preview shows how white text looks on a background with the Yxy color 67.2977, 0.3130, 0.3670.

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

67.2977, 0.3130, 0.3670

Protanopia

66.9386, 0.3408, 0.3604

Deuteranopia

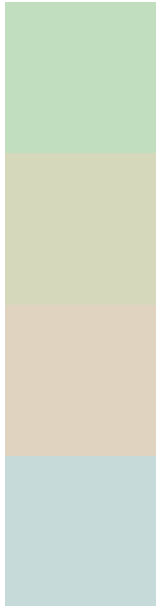
66.8701, 0.3504, 0.3430



Tritanopia

67.2743, 0.2906, 0.3099

Trichromacy



Original Color

67.2977, 0.3130, 0.3670

Protanomaly

66.8457, 0.3304, 0.3623

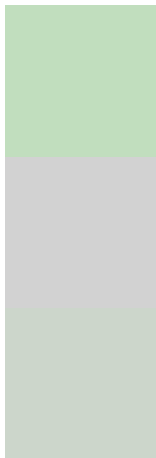
Deuteranomaly

66.7400, 0.3359, 0.3514

Tritanomaly

67.0229, 0.2986, 0.3301

Monochromacy



Original Color

67.2977, 0.3130, 0.3670

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.2423, 0.3129, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2977, 0.3130, 0.3670 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(193, 222, 190)` looks like.

```
.text, #text, p{  
    color:rgb(193, 222, 190)  
}
```

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(193, 222, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 222, 190) }
```

Border

The CSS property to change the border of an element to Yxy 67.2977, 0.3130, 0.3670 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(193, 222, 190) }
```

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

```
.border{ border-color:rgb(193, 222, 190) }
```

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

Here you see how a box with a 4 pixel rgb(193, 222, 190) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 222, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 222, 190);  
box-shadow:4px 4px 4px 4px rgb(193, 222,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2977, 0.3130, 0.3670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 222, 190) }
```

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

```
.background{ background-color: rgb(193,  
222, 190) }
```

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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