

Converting Colors

$Yxy(70.5967, 0.3081, 0.3625)$

Have a look what the booklet for
Yxy(70.5967, 0.3081, 0.3625)
contains.

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Color

Yxy(70.4847, 0.3084, 0.3628)

Conversions

Conversions Part 1

Format	Color
Hex	C2E3C6
RGB	194, 227, 198
RGB Percent	76%, 89%, 78%
CMY	0.2391, 0.1098, 0.2235
CMYK	0.15, 0.00, 0.13, 0.11
HSL	127°, 37%, 83%
HSV	127°, 15%, 89%
XYZ	59.9159, 70.4847, 63.8792
YIQ	213.8270, -10.3590, -16.0150

Conversions

Conversions Part 2

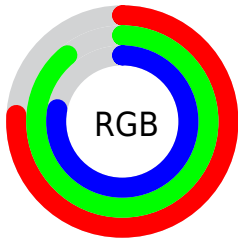
Format	Color
RYB	194, 223, 227
Decimal	12772294
CIELab	87.23, -16.26, 10.56
CIElCh	87, 19.386, 146.991
Yxy	70.4847, 0.3084, 0.3628
Android (android.graphics.Color)	4290962374 (0xFFC2E3C6)
YUV	213.8270, -7.8027, -17.3883
Hunter-Lab	83.9552, -19.5323, 13.6565

Details

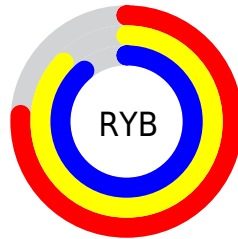
The Yxy color **70.4847, 0.3084, 0.3628** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **60.2541, 0.3173, 0.2974**, and the grayscale version is **67.1863, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **37.0941, 0.3072, 0.3723** is the 20% darker color. If you saturate the color by 10%, you get **66.8484, 0.3054, 0.3898**, and if you desaturate by 10%, it is **74.7071, 0.3114, 0.3389**.

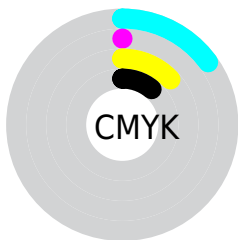
Distribution



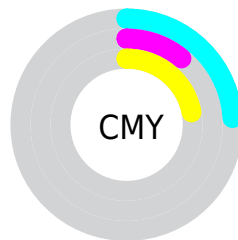
- Red (76%)
- Green (89%)
- Blue (78%)



- Red (76%)
- Yellow (87%)
- Blue (89%)



- Cyan (15%)
- Magenta (0%)
- Yellow (13%)
- Black (11%)




- Cyan (24%)
- Magenta (11%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.4847, 0.3084, 0.3628 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 70.4847, 0.3084, 0.3628 by changing the saturation by 10% instead.

 70.4847, 0.3084,
0.3628

 70.4847, 0.3084,
0.3628


462.2500, 0.3106,
0.3467

 51.9218, 0.3078,
0.3666


 119.8997, 0.3092,
0.3571

 36.9427, 0.3071,
0.3714


151.5206, 0.3095,
0.3549

 25.1632, 0.3062,
0.3775


188.2629, 0.3098,
0.3531

 16.1987, 0.3049,
0.3857

230.5111, 0.3100,
0.3514

 9.6648, 0.3029,
0.3973

278.6495, 0.3102,
0.3500

 5.1773, 0.2998,
0.4147

333.0625, 0.3103,

 2.3517, 0.2939,

0.3488

0.4438

394.1346, 0.3105,
0.3477

0.8009, 0.2805,
0.6166

0.0000, 0.0000,
0.0000

70.4847, 0.3084,
0.3628

70.4847, 0.3084,
0.3628

66.8484, 0.3054,
0.3898

74.7071, 0.3114,
0.3389

63.7637, 0.3024,
0.4195

79.5306, 0.3143,
0.3179

61.2064, 0.2998,
0.4513

83.4172, 0.3140,
0.3019

59.1466, 0.2976,
0.4840

■ 57.5519, 0.2961,
0.5158

■ 56.3856, 0.2955,
0.5448

■ 55.6055, 0.2959,
0.5686

■ 55.1607, 0.2971,
0.5857

■ 55.0183, 0.2978,
0.5921

Harmonies

Analogous

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



70.4847, 0.3320, 0.3708



70.4847, 0.3084, 0.3628



70.4847, 0.2866, 0.3446

Triad

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



70.4847, 0.3084, 0.3628



70.4847, 0.2754, 0.2917



70.4847, 0.3551, 0.3333

Complementary

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



70.4847, 0.3084, 0.3628



60.2541, 0.3173, 0.2974

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.



70.4847, 0.3388, 0.3137



70.4847, 0.3084, 0.3628



70.4847, 0.2925, 0.2902

Square

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



70.4847, 0.3084, 0.3628



70.4847, 0.2680, 0.3031



70.4847, 0.3157, 0.2983



70.4847, 0.3595, 0.3525

Rectangle

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



70.4847, 0.3084, 0.3628



70.4847, 0.2758, 0.3297



70.4847, 0.3157, 0.2983



70.4847, 0.3508, 0.3265

Sweetspot

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



70.4877, 0.3084, 0.3628



97.5524, 0.3115, 0.3377



74.5454, 0.3316, 0.3652



20.7848, 0.3113, 0.3394



0.0000, 0.0000, 0.0000



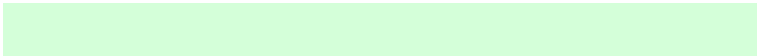
21.4041, 0.3127, 0.3290

Same Dimension

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



70.4877, 0.3084, 0.3628



90.4691, 0.3076, 0.3695



71.2833, 0.2983, 0.3435



16.1174, 0.3099, 0.3503



32.0964, 0.2974, 0.5907



2.3812, 0.2919, 0.5709

Inverse Universe

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



60.2541, 0.3173, 0.2974



75.0592, 0.3182, 0.2916



59.4144, 0.3298, 0.3150



14.5837, 0.3156, 0.3086



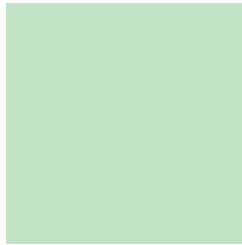
11.9559, 0.3539, 0.1723



0.8920, 0.3484, 0.1693

Previews

White Background



This preview shows how the Yxy color 70.4847, 0.3084, 0.3628 looks on a white background.

Color Contrast Check

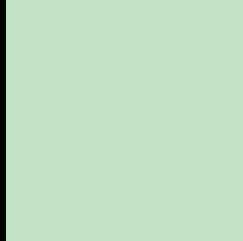
Large Text (above 18pt) WCAG AA × Fail

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 70.4847, 0.3084, 0.3628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

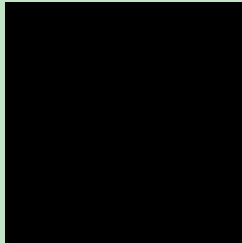
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

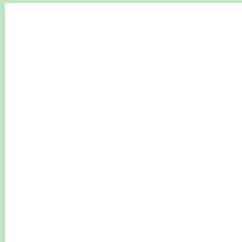
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.4847, 0.3084, 0.3628

Background



This preview shows how black text looks on a background with the Yxy color 70.4847, 0.3084, 0.3628.



This preview shows how white text looks on a background with the Yxy color 70.4847, 0.3084, 0.3628.

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

70.4847, 0.3084, 0.3628

Protanopia

69.9699, 0.3375, 0.3554

Deuteranopia

69.7227, 0.3460, 0.3386



Tritanopia

70.3624, 0.2878, 0.3090

Trichromacy



Original Color

70.4847, 0.3084, 0.3628

Protanomaly

70.2520, 0.3265, 0.3583

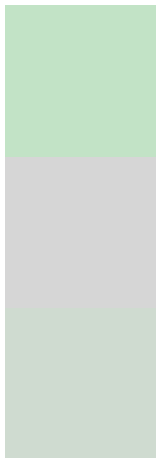
Deuteranomaly

69.4506, 0.3311, 0.3466

Tritanomaly

70.1629, 0.2950, 0.3278

Monochromacy



Original Color

70.4847, 0.3084, 0.3628

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

68.4825, 0.3114, 0.3415

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.4847, 0.3084, 0.3628 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, 227, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 227, 198)  
}
```

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, 227, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 227, 198) }
```

Border

The CSS property to change the border of an element to Yxy 70.4847, 0.3084, 0.3628 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, 227, 198) }
```

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

```
.border{ border-color:rgb(194, 227, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 227, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(194, 227, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(194, 227, 198); box-shadow:4px 4px 4px 4px rgb(194, 227, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 70.4847, 0.3084, 0.3628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 227, 198) }
```

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

```
.background{ background-color: rgb(194,  
227, 198) }
```

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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