

Converting Colors

$Yxy(70.0150, 0.3040, 0.3581)$

Have a look what the booklet for
Yxy(70.0150, 0.3040, 0.3581)
contains.

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Color

Yxy(70.2788, 0.3039, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	BFE3CA
RGB	191, 227, 202
RGB Percent	75%, 89%, 79%
CMY	0.2508, 0.1098, 0.2079
CMYK	0.16, 0.00, 0.11, 0.11
HSL	138°, 39%, 82%
HSV	138°, 16%, 89%
XYZ	59.6251, 70.2788, 66.2959
YIQ	213.3860, -13.4310, -15.4070

Conversions

Conversions Part 2

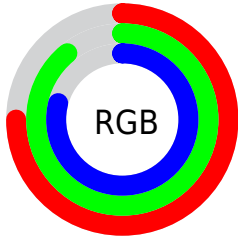
Format	Color
RYB	191, 219, 227
Decimal	12575690
CIELab	87.13, -16.52, 8.30
CIELCh	87, 18.487, 153.315
Yxy	70.2788, 0.3039, 0.3582
Android (android.graphics.Color)	4290765770 (0xFFBFE3CA)
YUV	213.3860, -5.6133, -19.6325
Hunter-Lab	83.8325, -19.7501, 11.7953

Details

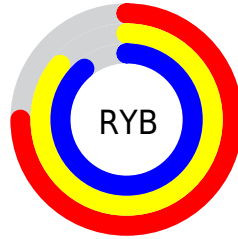
The Yxy color **70.2788, 0.3039, 0.3582** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.5762, 0.3228, 0.3015**, and the grayscale version is **66.8641, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **36.9615, 0.3014, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **66.8521, 0.2985, 0.3796**, and if you desaturate by 10%, it is **74.2441, 0.3095, 0.3391**.

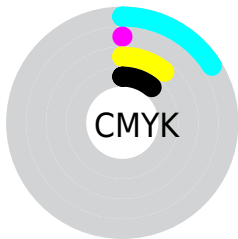
Distribution



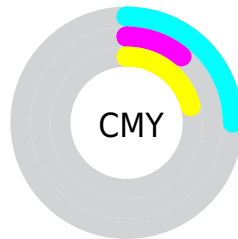
- Red (75%)
- Green (89%)
- Blue (79%)



- Red (75%)
- Yellow (86%)
- Blue (89%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (11%)





- Cyan (25%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2788, 0.3039, 0.3582 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 70.2788, 0.3039, 0.3582 by changing the saturation by 10% instead.


 70.2788, 0.3039,
0.3582

 70.2788, 0.3039,
0.3582


461.5283, 0.3082,
0.3443

 51.7539, 0.3029,
0.3615


 119.6063, 0.3054,
0.3533

 36.8089, 0.3016,
0.3656


151.1776, 0.3060,
0.3514

 25.0596, 0.2999,
0.3709


187.8664, 0.3065,
0.3498

 16.1214, 0.2977,
0.3779

230.0573, 0.3069,
0.3484

 9.6101, 0.2945,
0.3879

278.1345, 0.3073,
0.3472

 5.1412, 0.2896,
0.4028

332.4825, 0.3076,

 2.3304, 0.2813,

0.3461

0.4279

393.4856, 0.3079,
0.3452

0.7897, 0.2452,
0.5575

0.0000, 0.0000,
0.0000

70.2788, 0.3039,
0.3582

70.2788, 0.3039,
0.3582

66.8521, 0.2985,
0.3796

74.2441, 0.3095,
0.3391

63.9318, 0.2935,
0.4031

78.7609, 0.3150,
0.3222

61.4961, 0.2892,
0.4284

83.0563, 0.3176,
0.3072

59.5176, 0.2859,
0.4550

83.4141, 0.3140,
0.3019

■ 57.9666, 0.2840,
0.4820

■ 56.8094, 0.2836,
0.5082

■ 56.0073, 0.2849,
0.5323

■ 55.5126, 0.2877,
0.5531

■ 55.3651, 0.2891,
0.5607

Harmonies

Analogous

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



70.2788, 0.3265, 0.3682



70.2788, 0.3039, 0.3582



70.2788, 0.2841, 0.3395

Triad

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



70.2788, 0.3039, 0.3582



70.2788, 0.2798, 0.2923



70.2788, 0.3551, 0.3372

Complementary

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



70.2788, 0.3039, 0.3582



58.5762, 0.3228, 0.3015

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.



70.2788, 0.3416, 0.3182



70.2788, 0.3039, 0.3582



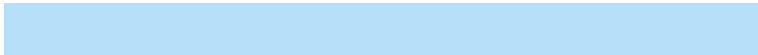
70.2788, 0.2978, 0.2928

Square

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



70.2788, 0.3039, 0.3582



70.2788, 0.2706, 0.3012



70.2788, 0.3205, 0.3022



70.2788, 0.3566, 0.3549

Rectangle

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



70.2788, 0.3039, 0.3582



70.2788, 0.2751, 0.3253



70.2788, 0.3205, 0.3022



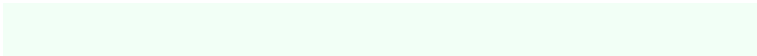
70.2788, 0.3518, 0.3307

Sweetspot

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



70.2818, 0.3039, 0.3582



97.1034, 0.3099, 0.3377



73.3293, 0.3286, 0.3692



20.7002, 0.3095, 0.3389



0.0000, 0.0000, 0.0000



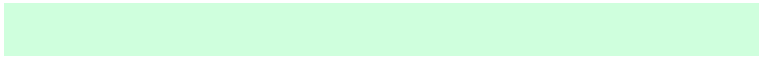
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2818, 0.3039, 0.3582



89.9571, 0.3021, 0.3650



71.1747, 0.2931, 0.3372



16.1610, 0.3074, 0.3458



32.3097, 0.2884, 0.5581



2.4037, 0.2802, 0.5287

Inverse Universe

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



58.5762, 0.3228, 0.3015



71.9741, 0.3252, 0.2955



57.7040, 0.3368, 0.3210



14.5366, 0.3184, 0.3128



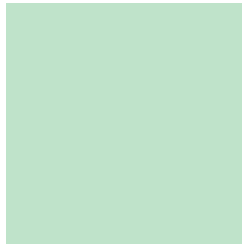
10.9835, 0.4160, 0.2065



0.8280, 0.3987, 0.1970

Previews

White Background



This preview shows how the Yxy color 70.2788, 0.3039, 0.3582 looks on a white background.

Color Contrast Check

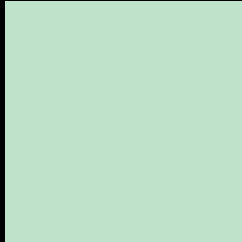
Large Text (above 18pt) WCAG AA × Fail

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 70.2788, 0.3039, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

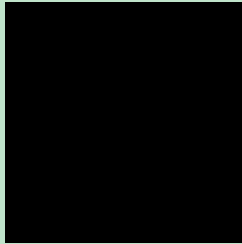
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

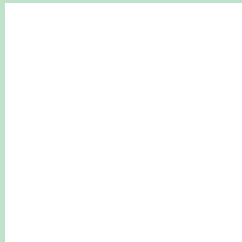
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2788, 0.3039, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 70.2788, 0.3039, 0.3582.

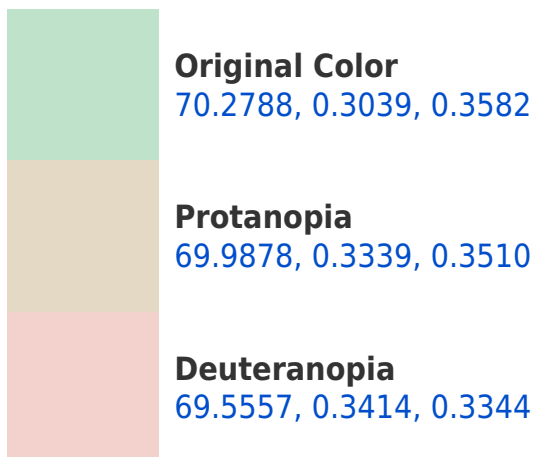


This preview shows how white text looks on a background with the Yxy color 70.2788, 0.3039, 0.3582.

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

70.4803, 0.2859, 0.3101

Trichromacy



Original Color

70.2788, 0.3039, 0.3582

Protanomaly

70.1326, 0.3223, 0.3538

Deuteranomaly

69.3187, 0.3268, 0.3423

Tritanomaly

70.4044, 0.2918, 0.3267

Monochromacy



Original Color

70.2788, 0.3039, 0.3582

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.7254, 0.3094, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.2788, 0.3039, 0.3582 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(191, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 202)  
}
```

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(191, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 202) }
```

Border

The CSS property to change the border of an element to Yxy 70.2788, 0.3039, 0.3582 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(191, 227, 202) }
```

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

```
.border{ border-color:rgb(191, 227, 202) }
```

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

Here you see how a box with a 4 pixel rgb(191, 227, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2788, 0.3039, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 227, 202) }
```

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

```
.background{ background-color: rgb(191,  
227, 202) }
```

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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