

Converting Colors

$Yxy(70.0538, 0.3046, 0.3592)$

Have a look what the booklet for
Yxy(70.0538, 0.3046, 0.3592)
contains.

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Color

Yxy(70.2316, 0.3045, 0.3594)

Conversions

Conversions Part 1

Format	Color
Hex	BFE3C9
RGB	191, 227, 201
RGB Percent	75%, 89%, 79%
CMY	0.2509, 0.1098, 0.2118
CMYK	0.16, 0.00, 0.11, 0.11
HSL	137°, 39%, 82%
HSV	137°, 16%, 89%
XYZ	59.5034, 70.2316, 65.6785
YIQ	213.2720, -13.1100, -15.7180

Conversions

Conversions Part 2

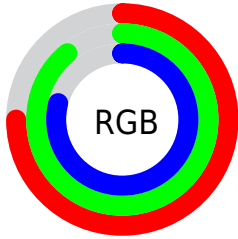
Format	Color
RYB	191, 219, 227
Decimal	12575689
CIELab	87.11, -16.71, 8.79
CIELCh	87, 18.881, 152.253
Yxy	70.2316, 0.3045, 0.3594
Android (android.graphics.Color)	4290765769 (0xFFBFE3C9)
YUV	213.2720, -6.0501, -19.5325
Hunter-Lab	83.8043, -19.9175, 12.1967

Details

The Yxy color **70.2316, 0.3045, 0.3594** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.6175, 0.3221, 0.3004**, and the grayscale version is **66.7842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **36.9300, 0.3022, 0.3678** is the 20% darker color. If you saturate the color by 10%, you get **66.7839, 0.2995, 0.3816**, and if you desaturate by 10%, it is **74.2238, 0.3097, 0.3395**.

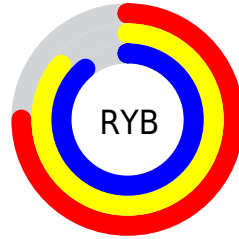
Distribution



Red (75%)

Green (89%)

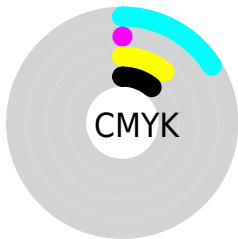
Blue (79%)



Red (75%)

Yellow (86%)

Blue (89%)

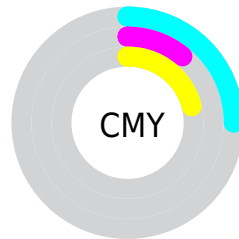


Cyan (16%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (25%)


Magenta (11%)


Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.2316, 0.3045, 0.3594 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 70.2316, 0.3045, 0.3594 by changing the saturation by 10% instead.

 70.2316, 0.3045,
0.3594

 70.2316, 0.3045,
0.3594


461.3628, 0.3085,
0.3449

 51.7154, 0.3035,
0.3628


 119.5390, 0.3059,
0.3543

 36.7782, 0.3023,
0.3671


151.0989, 0.3065,
0.3523

 25.0358, 0.3008,
0.3726


187.7755, 0.3069,
0.3506

 16.1038, 0.2986,
0.3800

229.9532, 0.3073,
0.3492

 9.5976, 0.2956,
0.3904

278.0164, 0.3077,
0.3479

 5.1330, 0.2909,
0.4060


332.3495, 0.3080,

 2.3255, 0.2828,


0.3468


0.4322


393.3368, 0.3082,
0.3458


 0.7872, 0.2484,
0.5746


 0.0000, 0.0000,
0.0000


 70.2316, 0.3045,
0.3594


 70.2316, 0.3045,
0.3594


 66.7839, 0.2995,
0.3816

 74.2238, 0.3097,
0.3395


 63.8484, 0.2948,
0.4061

 78.7737, 0.3149,
0.3220

 61.4027, 0.2907,
0.4325

 83.1130, 0.3170,
0.3064

 59.4193, 0.2877,
0.4601

 83.4168, 0.3140,
0.3019

■ 57.8680, 0.2859,
0.4880

■ 56.7148, 0.2855,
0.5147

■ 55.9204, 0.2868,
0.5391

■ 55.4367, 0.2896,
0.5596

■ 55.2949, 0.2908,
0.5670

Harmonies

Analogous

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



70.2316, 0.3276, 0.3692



70.2316, 0.3045, 0.3594



70.2316, 0.2841, 0.3405

Triad

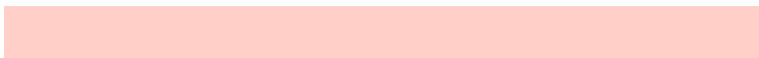
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.2316, 0.3045, 0.3594



70.2316, 0.2786, 0.2916



70.2316, 0.3557, 0.3366

Complementary

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



70.2316, 0.3045, 0.3594



58.6175, 0.3221, 0.3004

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.



70.2316, 0.3416, 0.3173



70.2316, 0.3045, 0.3594



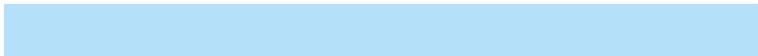
70.2316, 0.2967, 0.2919

Square

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



70.2316, 0.3045, 0.3594



70.2316, 0.2696, 0.3011



70.2316, 0.3198, 0.3012



70.2316, 0.3577, 0.3549

Rectangle

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



70.2316, 0.3045, 0.3594



70.2316, 0.2747, 0.3259



70.2316, 0.3198, 0.3012



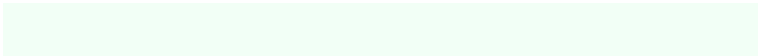
70.2316, 0.3522, 0.3301

Sweetspot

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



70.2346, 0.3045, 0.3594



97.0821, 0.3101, 0.3380



73.5140, 0.3294, 0.3691



20.6950, 0.3097, 0.3393



0.0000, 0.0000, 0.0000



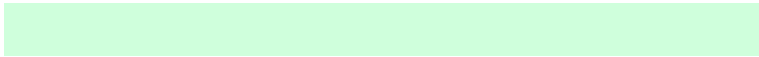
21.4041, 0.3127, 0.3290

Same Dimension

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



70.2346, 0.3045, 0.3594



89.8869, 0.3028, 0.3664



71.1112, 0.2938, 0.3386



16.1545, 0.3078, 0.3464



32.2660, 0.2901, 0.5644



2.3997, 0.2821, 0.5356

Inverse Universe

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



58.6175, 0.3221, 0.3004



72.0529, 0.3243, 0.2943



57.7496, 0.3358, 0.3197



14.5435, 0.3180, 0.3122



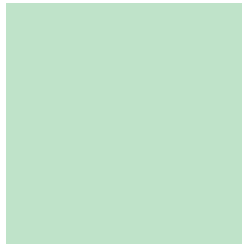
11.1097, 0.4059, 0.2010



0.8365, 0.3906, 0.1925

Previews

White Background



This preview shows how the Yxy color 70.2316, 0.3045, 0.3594 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 70.2316, 0.3045, 0.3594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

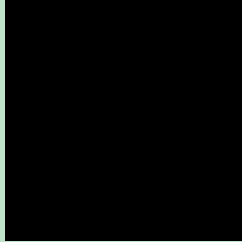
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

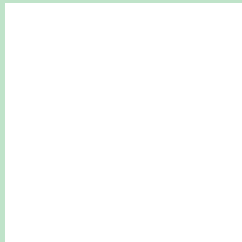
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.2316, 0.3045, 0.3594

Background



This preview shows how black text looks on a background with the Yxy color 70.2316, 0.3045, 0.3594.

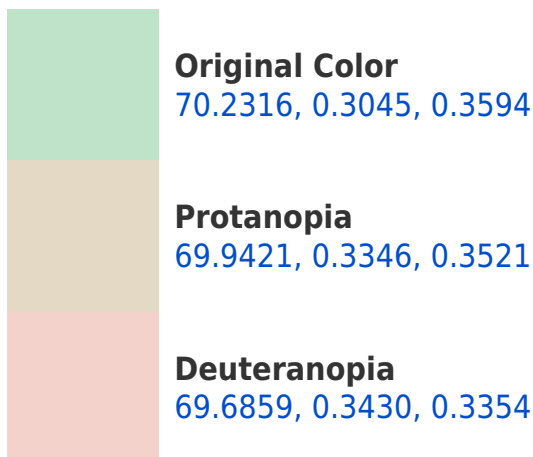


This preview shows how white text looks on a background with the Yxy color 70.2316, 0.3045, 0.3594.

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

69.9507, 0.2859, 0.3089

Trichromacy



Original Color

70.2316, 0.3045, 0.3594

Protanomaly

70.0863, 0.3230, 0.3549

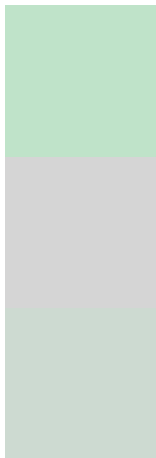
Deuteranomaly

69.4311, 0.3283, 0.3433

Tritanomaly

69.8137, 0.2924, 0.3267

Monochromacy



Original Color

70.2316, 0.3045, 0.3594

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 70.2316, 0.3045, 0.3594 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, 201)` looks like.

```
.text, #text, p{  
    color:rgb(191, 227, 201)  
}
```

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, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 227, 201) }
```

Border

The CSS property to change the border of an element to Yxy 70.2316, 0.3045, 0.3594 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, 201) }
```

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

```
.border{ border-color:rgb(191, 227, 201) }
```

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, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 227, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 227, 201);  
box-shadow:4px 4px 4px 4px rgb(191, 227,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 70.2316, 0.3045, 0.3594 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, 201) }
```

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

```
.background{ background-color: rgb(191,  
227, 201) }
```

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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