

Converting Colors

Yxy(68.1505, 0.3022, 0.3639)

Have a look what the booklet for
Yxy(68.1505, 0.3022, 0.3639)
contains.

Yxy(67.9032, 0.3022, 0.3637)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(67.9032, 0.3022, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	B7E1C4
RGB	183, 225, 196
RGB Percent	72%, 88%, 77%
CMY	0.2823, 0.1176, 0.2312
CMYK	0.19, 0.00, 0.13, 0.12
HSL	139°, 41%, 80%
HSV	139°, 19%, 88%
XYZ	56.4211, 67.9032, 62.3768
YIQ	209.1360, -15.7230, -17.9230

Conversions

Conversions Part 2

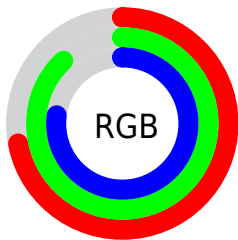
Format	Color
RYB	183, 215, 225
Decimal	12050884
CIELab	85.96, -19.26, 9.68
CIELCh	86, 21.557, 153.306
Yxy	67.9032, 0.3022, 0.3637
Android (android.graphics.Color)	4290240964 (0xFFB7E1C4)
YUV	209.1360, -6.4760, -22.9213
Hunter-Lab	82.4034, -21.9881, 12.8017

Details

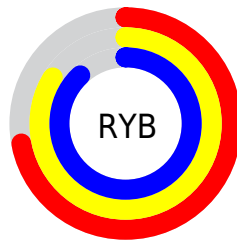
The Yxy color **67.9032, 0.3022, 0.3637** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.6290, 0.3251, 0.2966**, and the grayscale version is **63.9080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9626, 0.3041, 0.3309**, and **35.3696, 0.2992, 0.3739** is the 20% darker color. If you saturate the color by 10%, you get **64.6931, 0.2968, 0.3855**, and if you desaturate by 10%, it is **71.6332, 0.3078, 0.3442**.

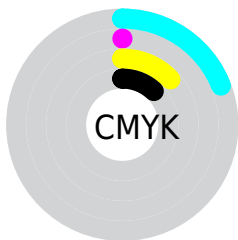
Distribution



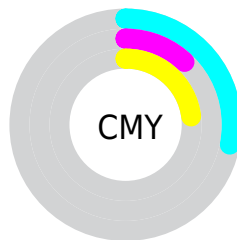
- Red (72%)
- Green (88%)
- Blue (77%)



- Red (72%)
- Yellow (84%)
- Blue (88%)



- Cyan (19%)
- Magenta (0%)
- Yellow (13%)
- Black (12%)





- Cyan (28%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9032, 0.3022, 0.3637 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 67.9032, 0.3022, 0.3637 by changing the saturation by 10% instead.


 67.9032, 0.3022,
0.3637

 67.9032, 0.3022,
0.3637

453.1530, 0.3073,
0.3470

 49.8190, 0.3010,
0.3677

 116.2137, 0.3040,
0.3578

 35.2696, 0.2994,
0.3727


147.2087, 0.3047,
0.3555

 23.8706, 0.2973,
0.3792

183.2761, 0.3053,
0.3536

 15.2377, 0.2945,
0.3879


224.8003, 0.3058,
0.3519

 8.9864, 0.2905,
0.4003

272.1657, 0.3063,
0.3505

 4.7323, 0.2842,
0.4192

325.7567, 0.3067,

 2.0911, 0.2732,

0.3492

385.9577, 0.3070,
0.3480

0.4515

0.6596, 0.1828,
0.7692

0.0000, 0.0000,
0.0000

67.9032, 0.3022,
0.3637

67.9032, 0.3022,
0.3637

64.6931, 0.2968,
0.3855

71.6332, 0.3078,
0.3442

61.9712, 0.2919,
0.4093

75.8960, 0.3135,
0.3268

59.7154, 0.2878,
0.4349

80.7151, 0.3190,
0.3116

57.8984, 0.2849,
0.4615

82.3310, 0.3141,
0.2999

■ 56.4904, 0.2833,
0.4881

■ 55.4571, 0.2834,
0.5137

■ 54.7588, 0.2851,
0.5370

■ 54.3367, 0.2883,
0.5568

■ 54.2908, 0.2887,
0.5592

Harmonies

Analogous

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



67.9032, 0.3289, 0.3755



67.9032, 0.3022, 0.3637



67.9032, 0.2791, 0.3413

Triad

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



67.9032, 0.3022, 0.3637



67.9032, 0.2740, 0.2859



67.9032, 0.3628, 0.3383

Complementary

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



67.9032, 0.3022, 0.3637



54.6290, 0.3251, 0.2966

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.



67.9032, 0.3468, 0.3162



67.9032, 0.3022, 0.3637



67.9032, 0.2951, 0.2867

Square

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



67.9032, 0.3022, 0.3637



67.9032, 0.2633, 0.2962



67.9032, 0.3217, 0.2976



67.9032, 0.3645, 0.3593

Rectangle

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



67.9032, 0.3022, 0.3637



67.9032, 0.2685, 0.3244



67.9032, 0.3217, 0.2976



67.9032, 0.3589, 0.3308

Sweetspot

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



67.9061, 0.3022, 0.3637



96.5516, 0.3093, 0.3394



71.3271, 0.3314, 0.3767



20.5891, 0.3089, 0.3406



0.0000, 0.0000, 0.0000



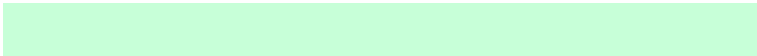
21.4041, 0.3127, 0.3290

Same Dimension

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



67.9061, 0.3022, 0.3637



88.6221, 0.3003, 0.3711



68.9080, 0.2897, 0.3388



15.4069, 0.3074, 0.3456



31.3030, 0.2879, 0.5565



2.1855, 0.2792, 0.5252

Inverse Universe

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



54.6290, 0.3251, 0.2966



68.2101, 0.3278, 0.2904



53.6564, 0.3420, 0.3195



13.8594, 0.3185, 0.3130



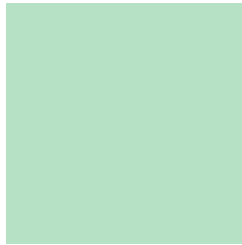
10.6137, 0.4181, 0.2077



0.7515, 0.3995, 0.1974

Previews

White Background



This preview shows how the Yxy color 67.9032, 0.3022, 0.3637 looks on a white background.

Color Contrast Check

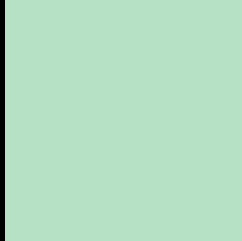
Large Text (above 18pt) WCAG AA × Fail

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 67.9032, 0.3022, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

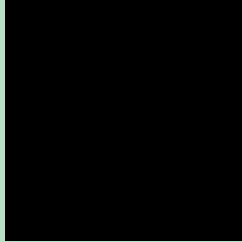
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

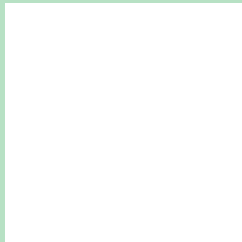
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.9032, 0.3022, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 67.9032, 0.3022, 0.3637.

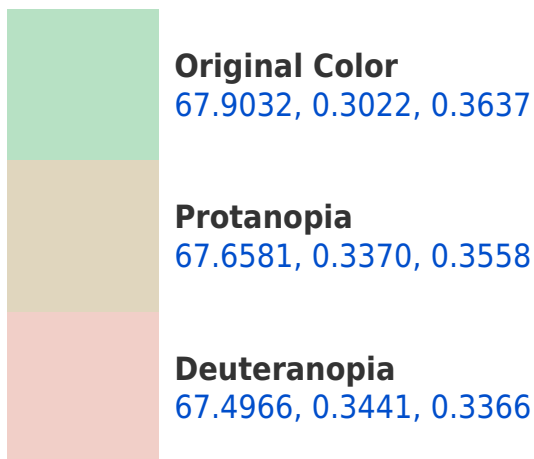


This preview shows how white text looks on a background with the Yxy color 67.9032, 0.3022, 0.3637.

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

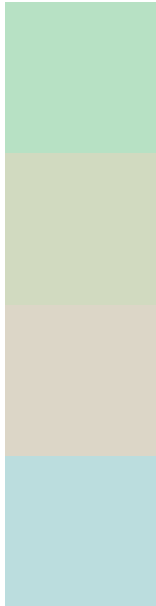




Tritanopia

67.7246, 0.2818, 0.3085

Trichromacy



Original Color

67.9032, 0.3022, 0.3637

Protanomaly

67.5039, 0.3237, 0.3589

Deuteranomaly

67.4323, 0.3276, 0.3458

Tritanomaly

67.5516, 0.2889, 0.3278

Monochromacy



Original Color

67.9032, 0.3022, 0.3637

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.2399, 0.3092, 0.3418

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9032, 0.3022, 0.3637 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(183, 225, 196)` looks like.

```
.text, #text, p{  
    color:rgb(183, 225, 196)  
}
```

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(183, 225, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 225, 196) }
```

Border

The CSS property to change the border of an element to Yxy 67.9032, 0.3022, 0.3637 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(183, 225, 196) }
```

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

```
.border{ border-color:rgb(183, 225, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 225, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 225, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 225, 196);  
box-shadow:4px 4px 4px 4px rgb(183, 225,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9032, 0.3022, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 225, 196) }
```

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

```
.background{ background-color: rgb(183,  
225, 196) }
```

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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