

Converting Colors

Yxy(67.9871, 0.3094, 0.3639)

Have a look what the booklet for
Yxy(67.9871, 0.3094, 0.3639)
contains.

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Color

Yxy(67.7468, 0.3090, 0.3634)

Conversions

Conversions Part 1

Format	Color
Hex	BFDFC2
RGB	191, 223, 194
RGB Percent	75%, 87%, 76%
CMY	0.2511, 0.1254, 0.2393
CMYK	0.14, 0.00, 0.13, 0.13
HSL	126°, 33%, 81%
HSV	126°, 14%, 87%
XYZ	57.6053, 67.7468, 61.0728
YIQ	210.1260, -9.7630, -15.8030

Conversions

Conversions Part 2

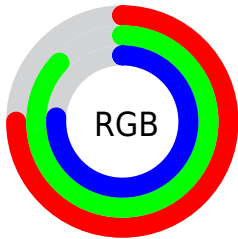
Format	Color
RYB	191, 220, 223
Decimal	12574658
CIELab	85.88, -16.00, 10.71
CIELCh	86, 19.258, 146.195
Yxy	67.7468, 0.3090, 0.3634
Android (android.graphics.Color)	4290764738 (0xFFBDFDC2)
YUV	210.1260, -7.9501, -16.7735
Hunter-Lab	82.3084, -19.1128, 13.6228

Details

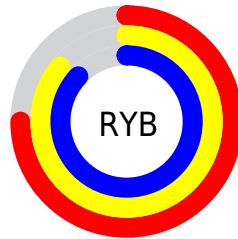
The Yxy color **67.7468, 0.3090, 0.3634** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.1078, 0.3166, 0.2969**, and the grayscale version is **64.5922, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4415, 0.3107, 0.3329**, and **35.2171, 0.3079, 0.3733** is the 20% darker color. If you saturate the color by 10%, you get **64.2287, 0.3063, 0.3911**, and if you desaturate by 10%, it is **71.8343, 0.3116, 0.3388**.

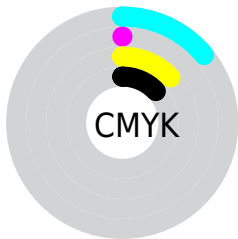
Distribution



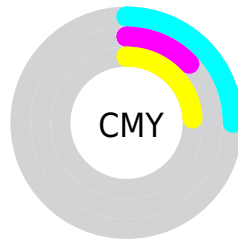
- Red (75%)
- Green (87%)
- Blue (76%)



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



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.7468, 0.3090, 0.3634 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 67.7468, 0.3090, 0.3634 by changing the saturation by 10% instead.

 67.7468, 0.3090,
0.3634

 67.7468, 0.3090,
0.3634

452.5984, 0.3109,
0.3469

 49.6918, 0.3085,
0.3673

 115.9898, 0.3097,
0.3575

 35.1686, 0.3079,
0.3723


146.9467, 0.3100,
0.3553

 23.7927, 0.3070,
0.3787


182.9729, 0.3102,
0.3534

 15.1799, 0.3057,
0.3873

224.4528, 0.3104,
0.3517

 8.9458, 0.3039,
0.3995

271.7710, 0.3106,
0.3503

 4.7058, 0.3008,
0.4181


325.3117, 0.3107,

 2.0757, 0.2948,


0.3490


0.4497

385.4594, 0.3108,
0.3479


 0.6509, 0.2594,
0.7406


 0.0000, 0.0000,
0.0000


 67.7468, 0.3090,
0.3634

 67.7468, 0.3090,
0.3634


 64.2287, 0.3063,
0.3911

 71.8343, 0.3116,
0.3388


 61.2465, 0.3037,
0.4217

 76.5058, 0.3141,
0.3172

 58.7764, 0.3013,
0.4543

 81.2360, 0.3144,
0.2983

 56.7897, 0.2992,
0.4878

 81.2619, 0.3142,
0.2980

■ 55.2543, 0.2977,
0.5201

■ 54.1348, 0.2970,
0.5491

■ 53.3901, 0.2971,
0.5725

■ 52.9705, 0.2980,
0.5886

■ 52.8360, 0.2985,
0.5945

Harmonies

Analogous

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



67.7468, 0.3327, 0.3711



67.7468, 0.3090, 0.3634



67.7468, 0.2869, 0.3453

Triad

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



67.7468, 0.3090, 0.3634



67.7468, 0.2748, 0.2916



67.7468, 0.3551, 0.3327

Complementary

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



67.7468, 0.3090, 0.3634



58.1078, 0.3166, 0.2969

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.



67.7468, 0.3384, 0.3131



67.7468, 0.3090, 0.3634



67.7468, 0.2918, 0.2899

Square

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



67.7468, 0.3090, 0.3634



67.7468, 0.2677, 0.3033



67.7468, 0.3151, 0.2977



67.7468, 0.3599, 0.3522

Rectangle

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



67.7468, 0.3090, 0.3634



67.7468, 0.2760, 0.3303



67.7468, 0.3151, 0.2977



67.7468, 0.3507, 0.3260

Sweetspot

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



67.7497, 0.3090, 0.3634



97.5356, 0.3117, 0.3380



71.8115, 0.3322, 0.3647



20.7805, 0.3115, 0.3398



0.0000, 0.0000, 0.0000



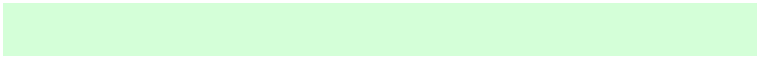
21.4041, 0.3127, 0.3290

Same Dimension

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



67.7497, 0.3090, 0.3634



90.4090, 0.3083, 0.3708



68.4914, 0.2991, 0.3445



15.3581, 0.3103, 0.3509



31.0702, 0.2981, 0.5933



2.1609, 0.2933, 0.5760

Inverse Universe

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



58.1078, 0.3166, 0.2969



75.1321, 0.3175, 0.2905



57.3159, 0.3287, 0.3140



13.9122, 0.3152, 0.3080



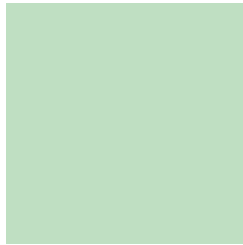
11.7410, 0.3460, 0.1680



0.8204, 0.3417, 0.1656

Previews

White Background



This preview shows how the Yxy color 67.7468, 0.3090, 0.3634 looks on a white background.

Color Contrast Check

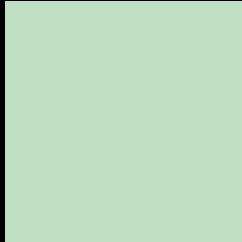
Large Text (above 18pt) WCAG AA × Fail

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 67.7468, 0.3090, 0.3634 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

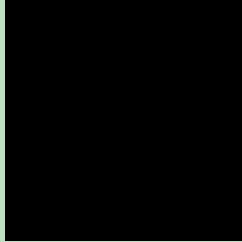
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

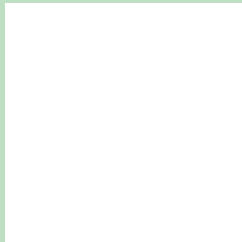
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.7468, 0.3090, 0.3634

Background



This preview shows how black text looks on a background with the Yxy color 67.7468, 0.3090, 0.3634.

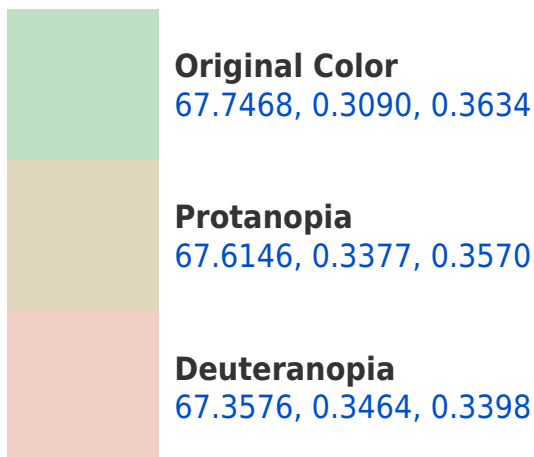


This preview shows how white text looks on a background with the Yxy color 67.7468, 0.3090, 0.3634.

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

67.5720, 0.2887, 0.3098

Trichromacy



Original Color

67.7468, 0.3090, 0.3634

Protanomaly

67.3843, 0.3267, 0.3588

Deuteranomaly

67.2620, 0.3321, 0.3480

Tritanomaly

67.3796, 0.2960, 0.3290

Monochromacy



Original Color

67.7468, 0.3090, 0.3634

Achromatopsia

64.4480, 0.3127, 0.3290

Achromatomaly

65.6570, 0.3114, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7468, 0.3090, 0.3634 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, 223, 194)` looks like.

```
.text, #text, p{  
    color:rgb(191, 223, 194)  
}
```

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, 223, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 223, 194) }
```

Border

The CSS property to change the border of an element to Yxy 67.7468, 0.3090, 0.3634 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, 223, 194) }
```

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

```
.border{ border-color:rgb(191, 223, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 223, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 223, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 223, 194); box-shadow:4px 4px 4px 4px rgb(191, 223, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7468, 0.3090, 0.3634 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 223, 194) }
```

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

```
.background{ background-color: rgb(191,  
223, 194) }
```

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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