

Converting Colors

$Yxy(67.6813, 0.3149, 0.3574)$

Have a look what the booklet for
Yxy(67.6813, 0.3149, 0.3574)
contains.

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Color

Yxy(67.5894, 0.3150, 0.3569)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | C9DCC4 |
| RGB | 201, 220, 196 |
| RGB Percent | 79%, 86%, 77% |
| CMY | 0.2116, 0.1373, 0.2313 |
| CMYK | 0.09, 0.00, 0.11, 0.14 |
| HSL | 107°, 26%, 82% |
| HSV | 107°, 11%, 86% |
| XYZ | 59.6544, 67.5894, 62.1353 |
| YIQ | 211.5830, -3.6200, -11.4920 |

Conversions

Conversions Part 2

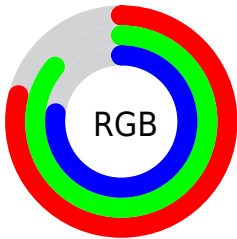
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 196, 220, 215 |
| Decimal | 13229252 |
| CIELab | 85.80, -10.70, 9.63 |
| CIElCh | 86, 14.396, 138.029 |
| Yxy | 67.5894, 0.3150, 0.3569 |
| Android (android.graphics.Color) | 4291419332 (0xFFC9DCC4) |
| YUV | 211.5830, -7.6824, -9.2813 |
| Hunter-Lab | 82.2128, -14.3510, 12.7384 |

Details

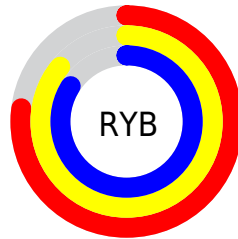
The Yxy color **67.5894, 0.3150, 0.3569** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0958, 0.3101, 0.3020**, and the grayscale version is **65.6075, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **35.0663, 0.3157, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **64.3873, 0.3169, 0.3856**, and if you desaturate by 10%, it is **71.2169, 0.3129, 0.3312**.

Distribution



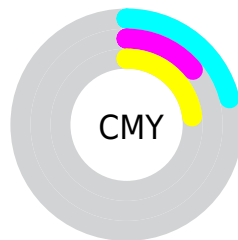
- Red (79%)
- Green (86%)
- Blue (77%)



- Red (77%)
- Yellow (86%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (11%)
- Black (14%)





- Cyan (21%)
- Magenta (14%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.5894, 0.3150, 0.3569 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 67.5894, 0.3150, 0.3569 by changing the saturation by 10% instead.


 67.5894, 0.3150,
0.3569

 67.5894, 0.3150,
0.3569

452.0399, 0.3140,
0.3436

 49.5638, 0.3152,
0.3601


115.7646, 0.3147,
0.3522

 35.0669, 0.3154,
0.3640


146.6829, 0.3146,
0.3504

 23.7144, 0.3157,
0.3691


182.6675, 0.3145,
0.3488

 15.1219, 0.3160,
0.3759

224.1029, 0.3144,
0.3475

 8.9050, 0.3163,
0.3856

271.3735, 0.3143,
0.3463

 4.6793, 0.3165,
0.4001

324.8635, 0.3142,

 2.0603, 0.3163,

0.3453

0.4247

384.9575, 0.3141,
0.3444

0.6422, 0.3431,
0.6312

0.0000, 0.0000,
0.0000

67.5894, 0.3150,
0.3569

67.5894, 0.3150,
0.3569

64.3873, 0.3169,
0.3856

71.2169, 0.3129,
0.3312

61.5865, 0.3184,
0.4168

75.2758, 0.3107,
0.3084

59.1736, 0.3194,
0.4500

79.3227, 0.3131,
0.2949

57.1310, 0.3195,
0.4838

79.6623, 0.3143,
0.2950

■ 55.4398, 0.3188,
0.5163

■ 54.0794, 0.3169,
0.5455

■ 53.0268, 0.3141,
0.5691

■ 52.2558, 0.3104,
0.5855

■ 51.7664, 0.3069,
0.5945

Harmonies

Analogous

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



67.5894, 0.3322, 0.3603



67.5894, 0.3150, 0.3569



67.5894, 0.2976, 0.3453

Triad

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



67.5894, 0.3150, 0.3569



67.5894, 0.2819, 0.3027



67.5894, 0.3417, 0.3278

Complementary

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



67.5894, 0.3150, 0.3569



59.0958, 0.3101, 0.3020

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.



67.5894, 0.3275, 0.3134



67.5894, 0.3150, 0.3569



67.5894, 0.2930, 0.2991

Square

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



67.5894, 0.3150, 0.3569



67.5894, 0.2788, 0.3135



67.5894, 0.3096, 0.3031



67.5894, 0.3479, 0.3429

Rectangle

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



67.5894, 0.3150, 0.3569



67.5894, 0.2881, 0.3347



67.5894, 0.3096, 0.3031



67.5894, 0.3377, 0.3228

Sweetspot

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



67.5923, 0.3150, 0.3569



98.3884, 0.3134, 0.3364



67.6985, 0.3296, 0.3501



20.9690, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



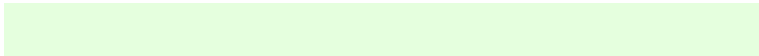
21.4041, 0.3127, 0.3290

Same Dimension

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



67.5923, 0.3150, 0.3569



93.4114, 0.3154, 0.3630



67.2230, 0.3070, 0.3491



14.7371, 0.3147, 0.3529



30.4225, 0.3077, 0.5939



2.0083, 0.3187, 0.5852

Inverse Universe

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



59.0958, 0.3101, 0.3020



79.3481, 0.3095, 0.2963



59.5159, 0.3190, 0.3097



13.1298, 0.3105, 0.3057



8.3539, 0.2686, 0.1253



0.5765, 0.2775, 0.1303

Previews

White Background



This preview shows how the Yxy color 67.5894, 0.3150, 0.3569 looks on a white background.

Color Contrast Check

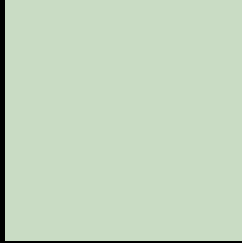
Large Text (above 18pt) WCAG AA × Fail

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 67.5894, 0.3150, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

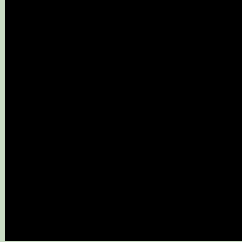
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

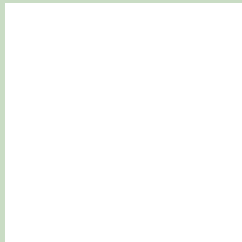
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.5894, 0.3150, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 67.5894, 0.3150, 0.3569.



This preview shows how white text looks on a background with the Yxy color 67.5894, 0.3150, 0.3569.

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

67.5894, 0.3150, 0.3569

Protanopia

67.6314, 0.3341, 0.3525

Deuteranopia

67.4499, 0.3449, 0.3376



Tritanopia

67.6925, 0.2959, 0.3101

Trichromacy



Original Color

67.5894, 0.3150, 0.3569

Protanomaly

67.4538, 0.3270, 0.3540

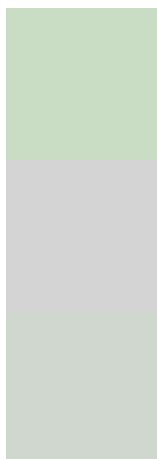
Deuteranomaly

67.3329, 0.3331, 0.3445

Tritanomaly

67.7193, 0.3029, 0.3267

Monochromacy



Original Color

67.5894, 0.3150, 0.3569

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.4670, 0.3137, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.5894, 0.3150, 0.3569 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(201, 220, 196)` looks like.

```
.text, #text, p{  
    color:rgb(201, 220, 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(201, 220, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 220, 196) }
```

Border

The CSS property to change the border of an element to Yxy 67.5894, 0.3150, 0.3569 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(201, 220, 196) }
```

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

```
.border{ border-color:rgb(201, 220, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 220, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(201, 220, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(201, 220, 196); box-shadow:4px 4px 4px 4px rgb(201, 220, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 67.5894, 0.3150, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 220, 196) }
```

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

```
.background{ background-color: rgb(201,  
220, 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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