

Converting Colors

$Yxy(71.1053, 0.3143, 0.3557)$

Have a look what the booklet for
Yxy(71.1053, 0.3143, 0.3557)
contains.

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Color

Yxy(71.1893, 0.3149, 0.3563)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CEE1C9 |
| RGB | 206, 225, 201 |
| RGB Percent | 81%, 88%, 79% |
| CMY | 0.1923, 0.1176, 0.2117 |
| CMYK | 0.08, 0.00, 0.11, 0.12 |
| HSL | 108°, 29%, 84% |
| HSV | 108°, 11%, 88% |
| XYZ | 62.9175, 71.1893, 65.6948 |
| YIQ | 216.5830, -3.6200, -11.4920 |

Conversions

Conversions Part 2

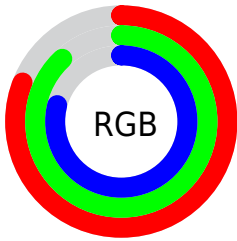
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 201, 225, 220 |
| Decimal | 13558217 |
| CIE _{Lab} | 87.58, -10.69, 9.58 |
| CIE _{LCh} | 88, 14.356, 138.137 |
| Yxy | 71.1893, 0.3149, 0.3563 |
| Android (android.graphics.Color) | 4291748297 (0xFFCEE1C9) |
| YUV | 216.5830, -7.6824, -9.2813 |
| Hunter-Lab | 84.3738, -14.5466, 12.8975 |

Details

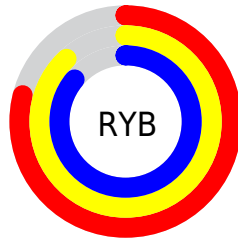
The Yxy color **71.1893, 0.3149, 0.3563** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **62.4444, 0.3102, 0.3026**, and the grayscale version is **69.1429, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5314, 0.3156, 0.3635** is the 20% darker color. If you saturate the color by 10%, you get **67.7979, 0.3167, 0.3849**, and if you desaturate by 10%, it is **75.0322, 0.3129, 0.3306**.

Distribution



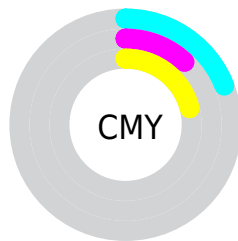
- Red (81%)
- Green (88%)
- Blue (79%)



- Red (79%)
- Yellow (88%)
- Blue (86%)



- Cyan (8%)
- Magenta (0%)
- Yellow (11%)
- Black (12%)



- Cyan (19%)
- Magenta (12%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1893, 0.3149, 0.3563 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 71.1893, 0.3149, 0.3563 by changing the saturation by 10% instead.

71.1893, 0.3149,
0.3563

71.1893, 0.3149,
0.3563

464.7149, 0.3140,
0.3434

52.4967, 0.3151,
0.3593

120.9032, 0.3146,
0.3518

37.4011, 0.3153,
0.3631

152.6933, 0.3145,
0.3500

25.5182, 0.3155,
0.3679

189.6181, 0.3144,
0.3485

16.4636, 0.3158,
0.3744

232.0618, 0.3143,
0.3472

9.8528, 0.3161,
0.3834

280.4090, 0.3142,
0.3461

5.3015, 0.3163,
0.3968

335.0440, 0.3141,

2.4252, 0.3162,

0.3451

0.4188

396.3511, 0.3141,
0.3442

0.8388, 0.3313,
0.5182

0.0000, 0.0000,
0.0000

71.1893, 0.3149,
0.3563

71.1893, 0.3149,
0.3563

67.7979, 0.3167,
0.3849

75.0322, 0.3129,
0.3306

64.8326, 0.3182,
0.4162

79.3330, 0.3107,
0.3078

62.2789, 0.3191,
0.4494

82.3363, 0.3141,
0.2999

60.1181, 0.3193,
0.4833

■ 58.3303, 0.3185,
0.5160

■ 56.8935, 0.3167,
0.5453

■ 55.7832, 0.3138,
0.5690

■ 54.9715, 0.3102,
0.5856

■ 54.4478, 0.3067,
0.5947

Harmonies

Analogous

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



71.1893, 0.3317, 0.3597



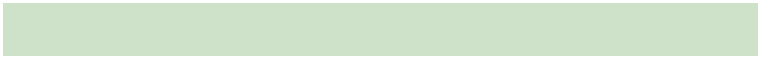
71.1893, 0.3149, 0.3563



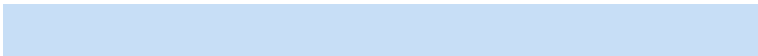
71.1893, 0.2978, 0.3449

Triad

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



71.1893, 0.3149, 0.3563



71.1893, 0.2825, 0.3032



71.1893, 0.3411, 0.3279

Complementary

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



71.1893, 0.3149, 0.3563



62.4444, 0.3102, 0.3026

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.



71.1893, 0.3273, 0.3138



71.1893, 0.3149, 0.3563



71.1893, 0.2934, 0.2996

Square

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



71.1893, 0.3149, 0.3563



71.1893, 0.2794, 0.3138



71.1893, 0.3098, 0.3036



71.1893, 0.3472, 0.3427

Rectangle

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



71.1893, 0.3149, 0.3563



71.1893, 0.2886, 0.3346



71.1893, 0.3098, 0.3036



71.1893, 0.3372, 0.3230

Sweetspot

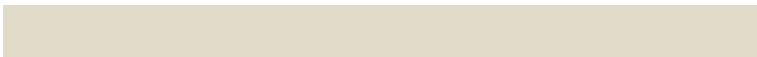
The Sweet Spot groups the original color and five complimentary colors.



71.1924, 0.3149, 0.3563



98.3838, 0.3133, 0.3364



71.3156, 0.3292, 0.3497



20.9677, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



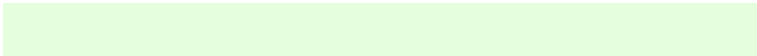
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1924, 0.3149, 0.3563



93.3936, 0.3154, 0.3630



70.8218, 0.3071, 0.3486



15.4729, 0.3147, 0.3530



31.4120, 0.3074, 0.5941



2.2154, 0.3176, 0.5860

Inverse Universe

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



62.4444, 0.3102, 0.3026



79.3679, 0.3095, 0.2963



62.8653, 0.3188, 0.3101



13.7853, 0.3105, 0.3057



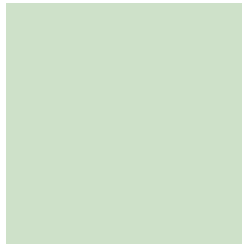
8.6754, 0.2693, 0.1257



0.6378, 0.2777, 0.1303

Previews

White Background



This preview shows how the Yxy color 71.1893, 0.3149, 0.3563 looks on a white background.

Color Contrast Check

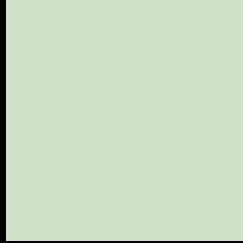
Large Text (above 18pt) WCAG AA × Fail

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 71.1893, 0.3149, 0.3563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

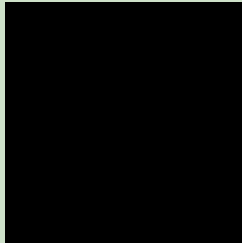
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

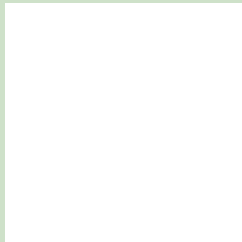
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1893, 0.3149, 0.3563

Background



This preview shows how black text looks on a background with the Yxy color 71.1893, 0.3149, 0.3563.

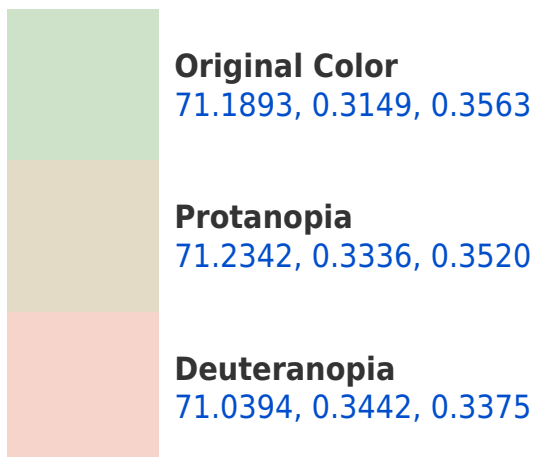


This preview shows how white text looks on a background with the Yxy color 71.1893, 0.3149, 0.3563.

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

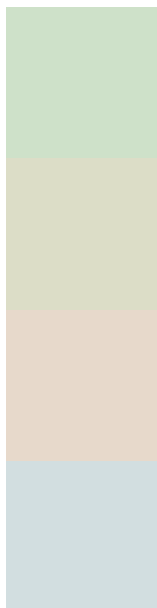




Tritanopia

71.2979, 0.2963, 0.3105

Trichromacy



Original Color

71.1893, 0.3149, 0.3563

Protanomaly

71.0521, 0.3267, 0.3535

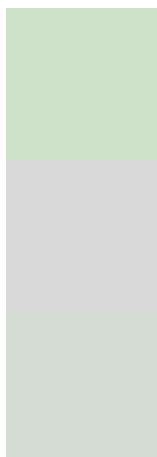
Deuteranomaly

70.9264, 0.3327, 0.3442

Tritanomaly

71.3260, 0.3031, 0.3268

Monochromacy



Original Color

71.1893, 0.3149, 0.3563

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.0357, 0.3137, 0.3391

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1893, 0.3149, 0.3563 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(206, 225, 201)` looks like.

```
.text, #text, p{  
    color:rgb(206, 225, 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(206, 225, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 225, 201) }
```

Border

The CSS property to change the border of an element to Yxy 71.1893, 0.3149, 0.3563 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(206, 225, 201) }
```

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

```
.border{ border-color:rgb(206, 225, 201) }
```

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

Here you see how a box with a 4 pixel rgb(206, 225, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 225, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 225, 201);  
box-shadow:4px 4px 4px 4px rgb(206, 225,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1893, 0.3149, 0.3563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 225, 201) }
```

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

```
.background{ background-color: rgb(206,  
225, 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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