

Converting Colors

$Yxy(72.7171, 0.3145, 0.3575)$

Have a look what the booklet for
Yxy(72.7171, 0.3145, 0.3575)
contains.

Yxy(72.4678, 0.3149, 0.3573)	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(72.4678, 0.3149, 0.3573)

Conversions

Conversions Part 1

Format	Color
Hex	CFE3CA
RGB	207, 227, 202
RGB Percent	81%, 89%, 79%
CMY	0.1881, 0.1098, 0.2079
CMYK	0.09, 0.00, 0.11, 0.11
HSL	108°, 31%, 84%
HSV	108°, 11%, 89%
XYZ	63.8682, 72.4678, 66.4846
YIQ	218.1700, -3.8950, -12.0150

Conversions

Conversions Part 2

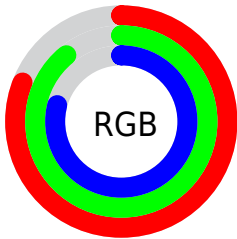
Format	Color
R _Y B	202, 227, 222
Decimal	13624266
CIE Lab	88.19, -11.16, 9.97
CIE LCh	88, 14.968, 138.239
Yxy	72.4678, 0.3149, 0.3573
Android (android.graphics.Color)	4291814346 (0xFFCFE3CA)
YUV	218.1700, -7.9718, -9.7961
Hunter-Lab	85.1280, -15.0525, 13.2844

Details

The Yxy color **72.4678, 0.3149, 0.3573** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **63.2962, 0.3102, 0.3016**, and the grayscale version is **70.2976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.4155, 0.3155, 0.3647** is the 20% darker color. If you saturate the color by 10%, you get **69.0128, 0.3167, 0.3861**, and if you desaturate by 10%, it is **76.3862, 0.3129, 0.3315**.

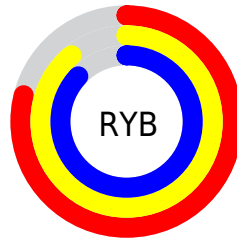
Distribution



Red (81%)

Green (89%)

Blue (79%)



Red (79%)

Yellow (89%)

Blue (87%)

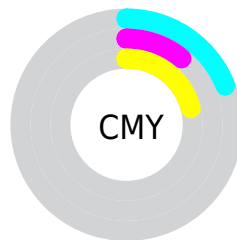


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (11%)



Cyan (19%)

Magenta (11%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4678, 0.3149, 0.3573 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 72.4678, 0.3149, 0.3573 by changing the saturation by 10% instead.

■ 72.4678, 0.3149,
0.3573

■ 72.4678, 0.3149,
0.3573

469.1682, 0.3140,
0.3440

■ 53.5409, 0.3151,
0.3604

122.7214, 0.3146,
0.3526

■ 38.2347, 0.3153,
0.3643

154.8169, 0.3145,
0.3508

■ 26.1649, 0.3155,
0.3693

192.0707, 0.3144,
0.3493

■ 16.9471, 0.3158,
0.3759

234.8672, 0.3143,
0.3479

■ 10.1968, 0.3160,
0.3851

283.5908, 0.3142,
0.3467

■ 5.5296, 0.3162,
0.3987

338.6259, 0.3141,

■ 2.5612, 0.3160,

0.3457

0.4210

400.3569, 0.3141,
0.3448

■ 0.9072, 0.3298,
0.5075

■ 0.0000, 0.0000,
0.0000

■ 72.4678, 0.3149,
0.3573

■ 72.4678, 0.3149,
0.3573

■ 69.0128, 0.3167,
0.3861

■ 76.3862, 0.3129,
0.3315

■ 65.9951, 0.3181,
0.4175

■ 80.7748, 0.3109,
0.3086

■ 63.3996, 0.3189,
0.4508

■ 83.4162, 0.3140,
0.3019

■ 61.2072, 0.3190,
0.4847

■ 59.3970, 0.3181,
0.5174

■ 57.9464, 0.3163,
0.5466

■ 56.8298, 0.3134,
0.5701

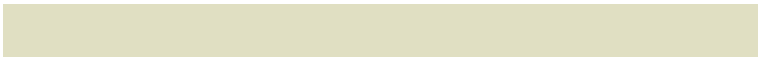
■ 56.0185, 0.3098,
0.5863

■ 55.5156, 0.3064,
0.5949

Harmonies

Analogous

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



72.4678, 0.3323, 0.3608



72.4678, 0.3149, 0.3573



72.4678, 0.2972, 0.3455

Triad

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



72.4678, 0.3149, 0.3573



72.4678, 0.2814, 0.3022



72.4678, 0.3422, 0.3279

Complementary

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



72.4678, 0.3149, 0.3573



63.2962, 0.3102, 0.3016

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.



72.4678, 0.3279, 0.3133



72.4678, 0.3149, 0.3573



72.4678, 0.2928, 0.2986

Square

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



72.4678, 0.3149, 0.3573



72.4678, 0.2783, 0.3132



72.4678, 0.3097, 0.3027



72.4678, 0.3485, 0.3432

Rectangle

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



72.4678, 0.3149, 0.3573



72.4678, 0.2877, 0.3347



72.4678, 0.3097, 0.3027



72.4678, 0.3382, 0.3228

Sweetspot

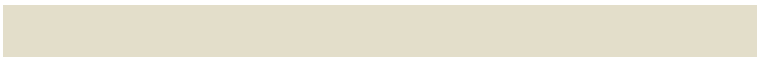
The Sweet Spot groups the original color and five complimentary colors.



72.4709, 0.3149, 0.3573



98.3781, 0.3133, 0.3364



72.6111, 0.3298, 0.3504



20.9662, 0.3135, 0.3384



0.0000, 0.0000, 0.0000



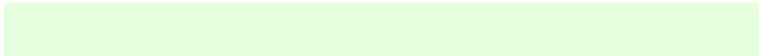
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4709, 0.3149, 0.3573



93.3714, 0.3153, 0.3630



72.0966, 0.3069, 0.3493



16.2289, 0.3146, 0.3531



32.4174, 0.3071, 0.5943



2.4343, 0.3165, 0.5869

Inverse Universe

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



63.2962, 0.3102, 0.3016



79.3926, 0.3096, 0.2964



63.7240, 0.3191, 0.3095



14.4602, 0.3106, 0.3056



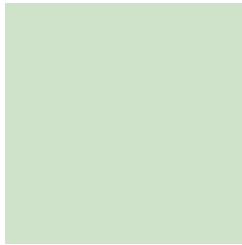
9.0185, 0.2703, 0.1263



0.7039, 0.2781, 0.1305

Previews

White Background



This preview shows how the Yxy color 72.4678, 0.3149, 0.3573 looks on a white background.

Color Contrast Check

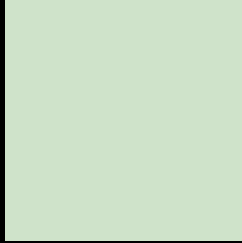
Large Text (above 18pt) WCAG AA × Fail

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 72.4678, 0.3149, 0.3573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

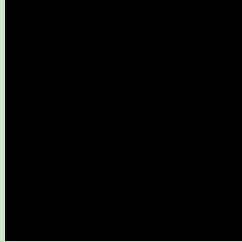
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

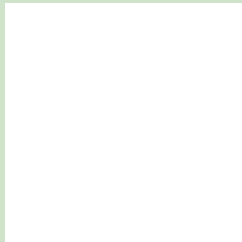
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4678, 0.3149, 0.3573

Background



This preview shows how black text looks on a background with the Yxy color 72.4678, 0.3149, 0.3573.

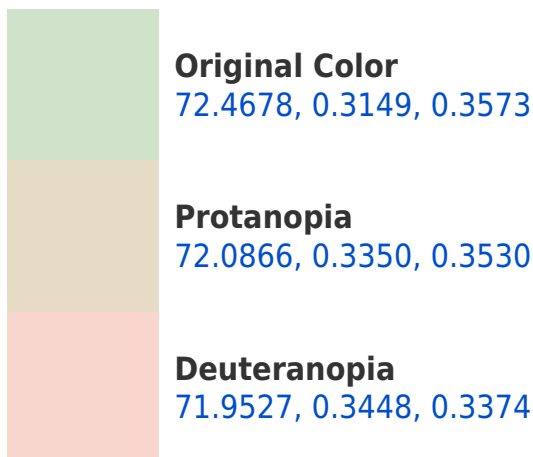


This preview shows how white text looks on a background with the Yxy color 72.4678, 0.3149, 0.3573.

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

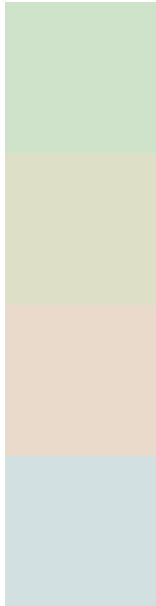




Tritanopia

72.6207, 0.2957, 0.3106

Trichromacy



Original Color

72.4678, 0.3149, 0.3573

Protanomaly

72.4285, 0.3280, 0.3555

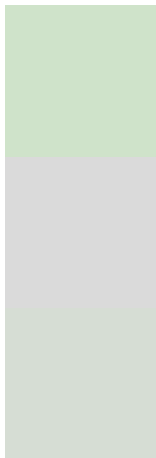
Deuteranomaly

71.8261, 0.3333, 0.3441

Tritanomaly

72.6512, 0.3025, 0.3268

Monochromacy



Original Color

72.4678, 0.3149, 0.3573

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7625, 0.3137, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4678, 0.3149, 0.3573 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(207, 227, 202)` looks like.

```
.text, #text, p{  
    color:rgb(207, 227, 202)  
}
```

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(207, 227, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 227, 202) }
```

Border

The CSS property to change the border of an element to Yxy 72.4678, 0.3149, 0.3573 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(207, 227, 202) }
```

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

```
.border{ border-color:rgb(207, 227, 202) }
```

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

Here you see how a box with a 4 pixel rgb(207, 227, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 227, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 227, 202);  
box-shadow:4px 4px 4px 4px rgb(207, 227,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4678, 0.3149, 0.3573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 227, 202) }
```

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

```
.background{ background-color: rgb(207,  
227, 202) }
```

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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