

Converting Colors

$Yxy(72.5625, 0.3139, 0.3600)$

Have a look what the booklet for
Yxy(72.5625, 0.3139, 0.3600)
contains.

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Color

Yxy(72.6830, 0.3140, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	CDE4C9
RGB	205, 228, 201
RGB Percent	80%, 89%, 79%
CMY	0.1963, 0.1058, 0.2118
CMYK	0.10, 0.00, 0.12, 0.11
HSL	111°, 33%, 84%
HSV	111°, 12%, 89%
XYZ	63.4486, 72.6830, 65.9340
YIQ	218.0450, -5.0410, -13.2730

Conversions

Conversions Part 2

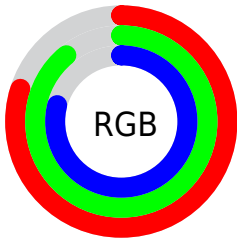
Format	Color
R_{YB}	201, 228, 224
Decimal	13493449
CIE Lab	88.30, -12.57, 10.62
CIE LCh	88, 16.453, 139.817
Yxy	72.6830, 0.3140, 0.3597
Android (android.graphics.Color)	4291683529 (0xFFCDE4C9)
YUV	218.0450, -8.4032, -11.4405
Hunter-Lab	85.2543, -16.3505, 13.8243

Details

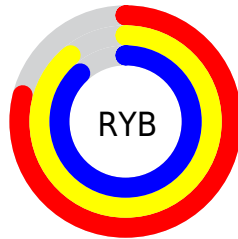
The Yxy color **72.6830, 0.3140, 0.3597** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **63.2282, 0.3111, 0.2996**, and the grayscale version is **70.1998, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5730, 0.3145, 0.3679** is the 20% darker color. If you saturate the color by 10%, you get **69.0939, 0.3149, 0.3890**, and if you desaturate by 10%, it is **76.7822, 0.3129, 0.3335**.

Distribution



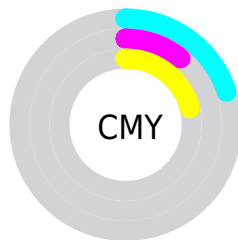
- Red (80%)
- Green (89%)
- Blue (79%)



- Red (79%)
- Yellow (89%)
- Blue (88%)



- Cyan (10%)
- Magenta (0%)
- Yellow (12%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6830, 0.3140, 0.3597 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 72.6830, 0.3140, 0.3597 by changing the saturation by 10% instead.


 72.6830, 0.3140,
0.3597

 72.6830, 0.3140,
0.3597


469.9154, 0.3135,
0.3452

 53.7168, 0.3141,
0.3631


123.0271, 0.3139,
0.3546

 38.3753, 0.3141,
0.3673


155.1738, 0.3138,
0.3526

 26.2741, 0.3142,
0.3727


192.4827, 0.3138,
0.3510

 17.0288, 0.3142,
0.3799

235.3383, 0.3137,
0.3495

 10.2550, 0.3141,
0.3900

284.1250, 0.3137,
0.3482

 5.5684, 0.3137,
0.4049

339.2271, 0.3136,

 2.5845, 0.3125,

0.3471

0.4293

401.0291, 0.3136,
0.3461

■ 0.9189, 0.3248,
0.5272

■ 0.0000, 0.0000,
0.0000

■ 72.6830, 0.3140,
0.3597

■ 72.6830, 0.3140,
0.3597

■ 69.0939, 0.3149,
0.3890

■ 76.7822, 0.3129,
0.3335

■ 65.9858, 0.3154,
0.4210

■ 81.4005, 0.3117,
0.3104

■ 63.3410, 0.3154,
0.4551

■ 83.9793, 0.3139,
0.3029

■ 61.1371, 0.3148,
0.4896

■ 59.3497, 0.3136,
0.5227

■ 57.9522, 0.3116,
0.5519

■ 56.9146, 0.3089,
0.5749

■ 56.2025, 0.3059,
0.5900

■ 55.8281, 0.3036,
0.5971

Harmonies

Analogous

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



72.6830, 0.3333, 0.3641



72.6830, 0.3140, 0.3597



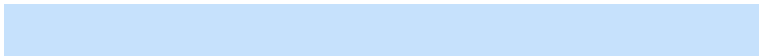
72.6830, 0.2948, 0.3462

Triad

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



72.6830, 0.3140, 0.3597



72.6830, 0.2789, 0.2992



72.6830, 0.3458, 0.3287

Complementary

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



72.6830, 0.3140, 0.3597



63.2282, 0.3111, 0.2996

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.



72.6830, 0.3303, 0.3126



72.6830, 0.3140, 0.3597



72.6830, 0.2917, 0.2958

Square

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



72.6830, 0.3140, 0.3597



72.6830, 0.2749, 0.3107



72.6830, 0.3104, 0.3007



72.6830, 0.3521, 0.3454

Rectangle

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



72.6830, 0.3140, 0.3597



72.6830, 0.2845, 0.3342



72.6830, 0.3104, 0.3007



72.6830, 0.3415, 0.3230

Sweetspot

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



72.6861, 0.3140, 0.3597



97.7459, 0.3132, 0.3389



74.0078, 0.3309, 0.3540



20.8335, 0.3133, 0.3409



0.0000, 0.0000, 0.0000



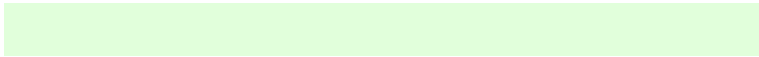
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6861, 0.3140, 0.3597



92.5806, 0.3142, 0.3660



72.5905, 0.3053, 0.3489



16.1897, 0.3138, 0.3531



32.2610, 0.3042, 0.5967



2.4158, 0.3121, 0.5904

Inverse Universe

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



63.2282, 0.3111, 0.2996



78.3233, 0.3107, 0.2939



63.3560, 0.3209, 0.3099



14.5029, 0.3115, 0.3057



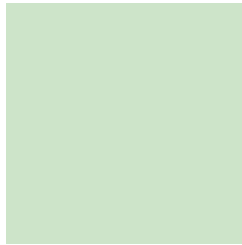
9.9492, 0.2843, 0.1340



0.7645, 0.2900, 0.1371

Previews

White Background



This preview shows how the Yxy color 72.6830, 0.3140, 0.3597 looks on a white background.

Color Contrast Check

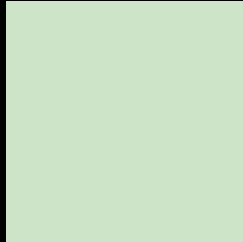
Large Text (above 18pt) WCAG AA × Fail

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 72.6830, 0.3140, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

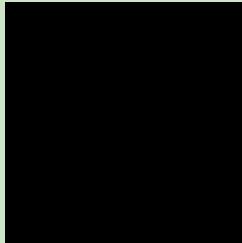
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

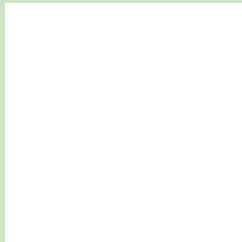
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6830, 0.3140, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 72.6830, 0.3140, 0.3597.

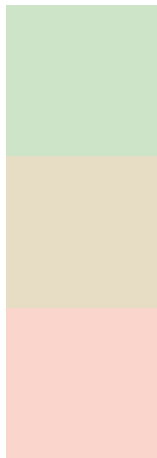


This preview shows how white text looks on a background with the Yxy color 72.6830, 0.3140, 0.3597.

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

72.6830, 0.3140, 0.3597

Protanopia

72.7330, 0.3363, 0.3550

Deuteranopia

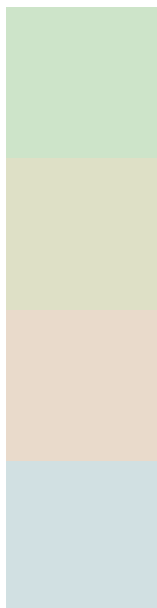
72.0879, 0.3463, 0.3384



Tritanopia

72.3827, 0.2938, 0.3095

Trichromacy



Original Color

72.6830, 0.3140, 0.3597

Protanomaly

72.9181, 0.3285, 0.3577

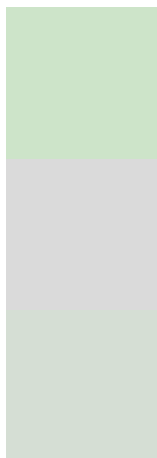
Deuteranomaly

71.7782, 0.3340, 0.3452

Tritanomaly

72.3576, 0.3011, 0.3268

Monochromacy



Original Color

72.6830, 0.3140, 0.3597

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1422, 0.3129, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6830, 0.3140, 0.3597 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(205, 228, 201)` looks like.

```
.text, #text, p{  
    color:rgb(205, 228, 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(205, 228, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 228, 201) }
```

Border

The CSS property to change the border of an element to Yxy 72.6830, 0.3140, 0.3597 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(205, 228, 201) }
```

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

```
.border{ border-color:rgb(205, 228, 201) }
```

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

Here you see how a box with a 4 pixel rgb(205, 228, 201) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 228, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 228, 201);  
box-shadow:4px 4px 4px 4px rgb(205, 228,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6830, 0.3140, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 228, 201) }
```

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

```
.background{ background-color: rgb(205,  
228, 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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