

Converting Colors

$Yxy(72.3718, 0.3121, 0.3570)$

Have a look what the booklet for
Yxy(72.3718, 0.3121, 0.3570)
contains.

Yxy(72.6360, 0.3121, 0.3574)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(72.6360, 0.3121, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	CCE4CB
RGB	204, 228, 203
RGB Percent	80%, 89%, 80%
CMY	0.1999, 0.1059, 0.2040
CMYK	0.11, 0.00, 0.11, 0.11
HSL	118°, 32%, 85%
HSV	118°, 11%, 89%
XYZ	63.4295, 72.6360, 67.1690
YIQ	217.9740, -6.2790, -12.8630

Conversions

Conversions Part 2

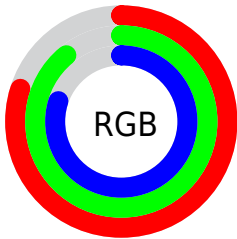
Format	Color
RYB	203, 228, 227
Decimal	13427915
CIELab	88.27, -12.52, 9.53
CIELCh	88, 15.731, 142.723
Yxy	72.6360, 0.3121, 0.3574
Android (android.graphics.Color)	4291617995 (0xFFCCE4CB)
YUV	217.9740, -7.3822, -12.2552
Hunter-Lab	85.2268, -16.2993, 12.9310

Details

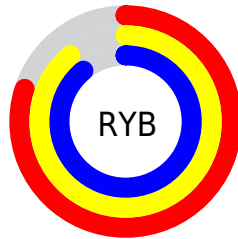
The Yxy color **72.6360, 0.3121, 0.3574** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.6320, 0.3132, 0.3020**, and the grayscale version is **70.1517, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.5411, 0.3119, 0.3649** is the 20% darker color. If you saturate the color by 10%, you get **68.7562, 0.3113, 0.3869**, and if you desaturate by 10%, it is **77.1151, 0.3127, 0.3313**.

Distribution



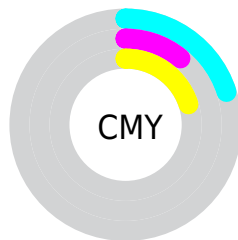
- Red (80%)
- Green (89%)
- Blue (80%)



- Red (80%)
- Yellow (89%)
- Blue (89%)



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




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.6360, 0.3121, 0.3574 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 72.6360, 0.3121, 0.3574 by changing the saturation by 10% instead.

 72.6360, 0.3121,
0.3574

 72.6360, 0.3121,
0.3574


469.7523, 0.3125,
0.3440

 53.6784, 0.3120,
0.3605


122.9603, 0.3123,
0.3527

 38.3446, 0.3118,
0.3644

155.0958, 0.3123,
0.3509

 26.2502, 0.3116,
0.3695


192.3927, 0.3124,
0.3493

 17.0109, 0.3112,
0.3761

235.2354, 0.3124,
0.3480

 10.2423, 0.3106,
0.3854

284.0084, 0.3124,
0.3468

 5.5599, 0.3095,
0.3991


339.0959, 0.3125,

 2.5794, 0.3073,


0.3458

0.4217


400.8824, 0.3125,
0.3448


 0.9163, 0.3117,
0.5055

 0.0000, 0.0000,
0.0000


 72.6360, 0.3121,
0.3574


 72.6360, 0.3121,
0.3574


 68.7562, 0.3113,
0.3869


 77.1151, 0.3127,
0.3313

 65.4414, 0.3104,
0.4194

 82.2074, 0.3131,
0.3086

 62.6681, 0.3092,
0.4543

 83.9661, 0.3139,
0.3029

 60.4076, 0.3078,
0.4900

■ 58.6283, 0.3062,
0.5243

■ 57.2954, 0.3045,
0.5544

■ 56.3693, 0.3029,
0.5777

■ 55.8033, 0.3015,
0.5927

■ 55.5474, 0.3007,
0.5995

Harmonies

Analogous

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



72.6360, 0.3308, 0.3625



72.6360, 0.3121, 0.3574



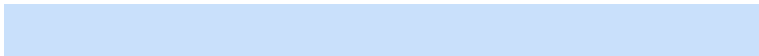
72.6360, 0.2940, 0.3439

Triad

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



72.6360, 0.3121, 0.3574



72.6360, 0.2812, 0.2998



72.6360, 0.3453, 0.3303

Complementary

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



72.6360, 0.3121, 0.3574



64.6320, 0.3132, 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.



72.6360, 0.3313, 0.3146



72.6360, 0.3121, 0.3574



72.6360, 0.2942, 0.2973

Square

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



72.6360, 0.3121, 0.3574



72.6360, 0.2765, 0.3102



72.6360, 0.3124, 0.3027



72.6360, 0.3504, 0.3461

Rectangle

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



72.6360, 0.3121, 0.3574



72.6360, 0.2846, 0.3323



72.6360, 0.3124, 0.3027



72.6360, 0.3415, 0.3249

Sweetspot

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



72.6391, 0.3121, 0.3574



98.1530, 0.3126, 0.3364



75.6056, 0.3292, 0.3547



20.9057, 0.3125, 0.3384



0.0000, 0.0000, 0.0000



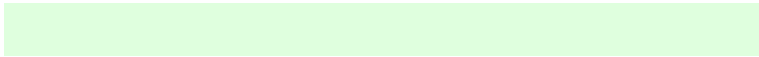
21.4041, 0.3127, 0.3290

Same Dimension

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



72.6391, 0.3121, 0.3574



92.5105, 0.3120, 0.3633



73.0486, 0.3043, 0.3445



16.1176, 0.3122, 0.3532



32.0881, 0.3009, 0.5993



2.3814, 0.3035, 0.5972

Inverse Universe

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



64.6320, 0.3132, 0.3020



80.3820, 0.3133, 0.2967



64.1969, 0.3221, 0.3140



14.5830, 0.3131, 0.3058



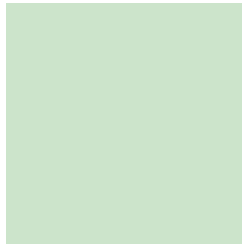
11.8998, 0.3106, 0.1484



0.8889, 0.3122, 0.1493

Previews

White Background



This preview shows how the Yxy color 72.6360, 0.3121, 0.3574 looks on a white background.

Color Contrast Check

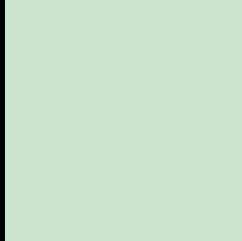
Large Text (above 18pt) WCAG AA × Fail

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 72.6360, 0.3121, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

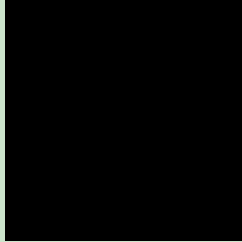
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

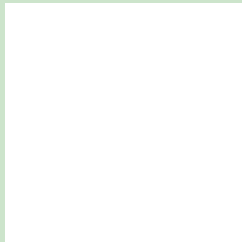
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.6360, 0.3121, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 72.6360, 0.3121, 0.3574.

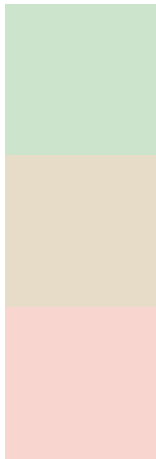


This preview shows how white text looks on a background with the Yxy color 72.6360, 0.3121, 0.3574.

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

72.6360, 0.3121, 0.3574

Protanopia

72.1329, 0.3343, 0.3518

Deuteranopia

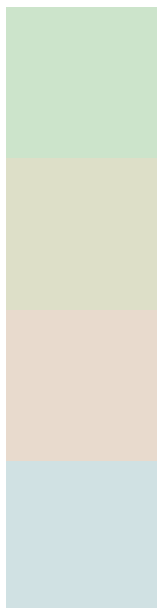
72.0012, 0.3441, 0.3364



Tritanopia

72.7683, 0.2932, 0.3105

Trichromacy



Original Color

72.6360, 0.3121, 0.3574

Protanomaly

72.3176, 0.3266, 0.3544

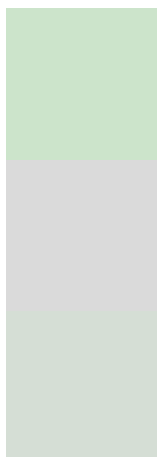
Deuteranomaly

71.7064, 0.3319, 0.3431

Tritanomaly

72.8064, 0.2998, 0.3268

Monochromacy



Original Color

72.6360, 0.3121, 0.3574

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

71.1928, 0.3122, 0.3390

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.6360, 0.3121, 0.3574 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(204, 228, 203)` looks like.

```
.text, #text, p{  
    color:rgb(204, 228, 203)  
}
```

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(204, 228, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 228, 203) }
```

Border

The CSS property to change the border of an element to Yxy 72.6360, 0.3121, 0.3574 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(204, 228, 203) }
```

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

```
.border{ border-color:rgb(204, 228, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 228, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 228, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 228, 203);  
box-shadow:4px 4px 4px 4px rgb(204, 228,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 72.6360, 0.3121, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 228, 203) }
```

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

```
.background{ background-color: rgb(204,  
228, 203) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor