

Converting Colors

$Yxy(72.9696, 0.3354, 0.3927)$

Have a look what the booklet for
Yxy(72.9696, 0.3354, 0.3927)
contains.

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Color

Yxy(72.7574, 0.3355, 0.3929)

Conversions

Conversions Part 1

Format	Color
Hex	D2E5AD
RGB	210, 229, 173
RGB Percent	82%, 90%, 68%
CMY	0.1767, 0.1019, 0.3216
CMYK	0.08, 0.00, 0.24, 0.10
HSL	80°, 52%, 79%
HSV	80°, 24%, 90%
XYZ	62.1280, 72.7574, 50.2950
YIQ	216.9350, 6.6520, -21.4440

Conversions

Conversions Part 2

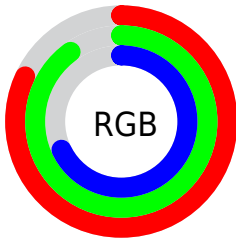
Format	Color
RYB	173, 229, 192
Decimal	13821357
CIELab	88.33, -15.78, 25.28
CIELCh	88, 29.798, 121.967
Yxy	72.7574, 0.3355, 0.3929
Android (android.graphics.Color)	4292011437 (0xFFD2E5AD)
YUV	216.9350, -21.6600, -6.0820
Hunter-Lab	85.2979, -19.2583, 24.7489

Details

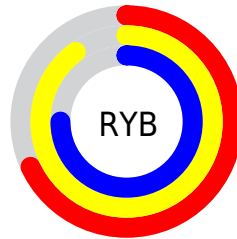
The Yxy color **72.7574, 0.3355, 0.3929** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.7530, 0.2855, 0.2625**, and the grayscale version is **69.4845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4371, 0.3280, 0.3542**, and **38.5967, 0.3403, 0.4099** is the 20% darker color. If you saturate the color by 10%, you get **70.8327, 0.3443, 0.4209**, and if you desaturate by 10%, it is **74.8962, 0.3262, 0.3657**.

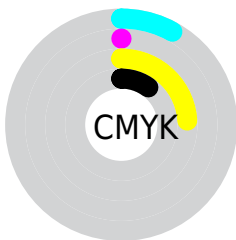
Distribution



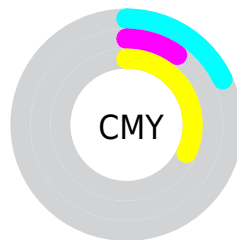
- Red (82%)
- Green (90%)
- Blue (68%)



- Red (68%)
- Yellow (90%)
- Blue (75%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (10%)




- Cyan (18%)
- Magenta (10%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.7574, 0.3355, 0.3929 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 72.7574, 0.3355, 0.3929 by changing the saturation by 10% instead.


 72.7574, 0.3355,
0.3929

 72.7574, 0.3355,
0.3929


470.1736, 0.3255,
0.3625

 53.7776, 0.3376,
0.4000


 123.1327, 0.3321,
0.3822

 38.4239, 0.3402,
0.4088


155.2971, 0.3308,
0.3781

 26.3119, 0.3432,
0.4201


192.6251, 0.3296,
0.3746

 17.0571, 0.3469,
0.4351

235.5011, 0.3286,
0.3715

 10.2752, 0.3513,
0.4556

284.3096, 0.3277,
0.3689

 5.5818, 0.3562,
0.4854

339.4349, 0.3269,

 2.5925, 0.3667,

0.3665

0.5410

401.2614, 0.3261,
0.3644

0.9229, 0.3475,
0.6525

0.0000, 0.0000,
0.0000

72.7574, 0.3355,
0.3929

72.7574, 0.3355,
0.3929

70.8327, 0.3443,
0.4209

74.8962, 0.3262,
0.3657

69.1039, 0.3522,
0.4489


77.2475, 0.3169,
0.3399

67.5651, 0.3586,
0.4757


79.8219, 0.3077,
0.3160

66.2060, 0.3631,
0.5002


81.9932, 0.3046,
0.3031

 65.0154, 0.3653,
0.5209

 83.3954, 0.3098,
0.3036

 63.9803, 0.3649,
0.5370

 84.5300, 0.3139,
0.3039

 63.0850, 0.3621,
0.5480

 62.6363, 0.3599,
0.5525

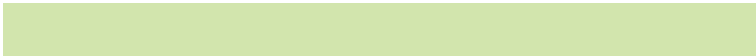
Harmonies

Analogous

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



72.7574, 0.3664, 0.3881



72.7574, 0.3355, 0.3929



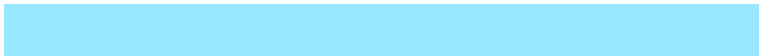
72.7574, 0.2997, 0.3778

Triad

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



72.7574, 0.3355, 0.3929



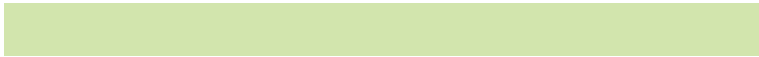
72.7574, 0.2467, 0.2854



72.7574, 0.3575, 0.3103

Complementary

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



72.7574, 0.3355, 0.3929



46.7530, 0.2855, 0.2625

Split Complementary

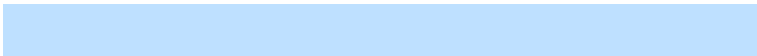
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.7574, 0.3229, 0.2865



72.7574, 0.3355, 0.3929



72.7574, 0.2600, 0.2717

Square

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



72.7574, 0.3355, 0.3929



72.7574, 0.2497, 0.3125



72.7574, 0.2872, 0.2725



72.7574, 0.3801, 0.3394

Rectangle

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



72.7574, 0.3355, 0.3929



72.7574, 0.2779, 0.3584



72.7574, 0.2872, 0.2725



72.7574, 0.3468, 0.3015

Sweetspot

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



72.7606, 0.3355, 0.3929



97.7691, 0.3193, 0.3464



57.2292, 0.3590, 0.3504



20.8868, 0.3198, 0.3480



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.



72.7606, 0.3355, 0.3929



91.6533, 0.3397, 0.4060



69.0510, 0.3158, 0.3970



16.5588, 0.3215, 0.3526



35.8740, 0.3608, 0.5517



2.7017, 0.3694, 0.5449

Inverse Universe

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



46.7530, 0.2855, 0.2625



53.4413, 0.2791, 0.2482



50.7052, 0.3078, 0.2668



14.1244, 0.3033, 0.3051



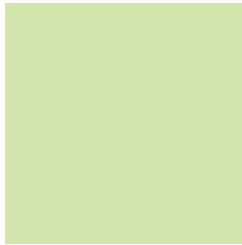
4.2187, 0.1757, 0.0742



0.3615, 0.1918, 0.0830

Previews

White Background



This preview shows how the Yxy color 72.7574, 0.3355, 0.3929 looks on a white background.

Color Contrast Check

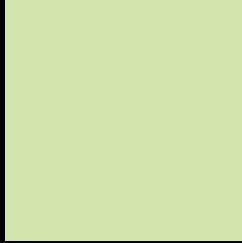
Large Text (above 18pt) WCAG AA × Fail

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 72.7574, 0.3355, 0.3929 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

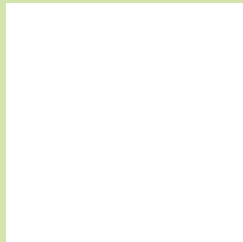
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.7574, 0.3355, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 72.7574, 0.3355, 0.3929.

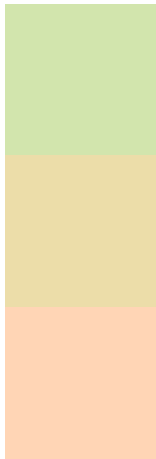


This preview shows how white text looks on a background with the Yxy color 72.7574, 0.3355, 0.3929.

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

72.7574, 0.3355, 0.3929

Protanopia

72.4103, 0.3597, 0.3852

Deuteranopia

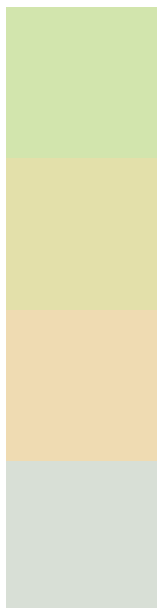
72.1847, 0.3681, 0.3621



Tritanopia

72.4195, 0.3004, 0.3097

Trichromacy



Original Color

72.7574, 0.3355, 0.3929

Protanomaly

72.5445, 0.3513, 0.3885

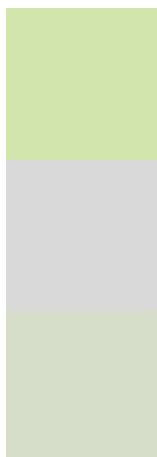
Deuteranomaly

72.2281, 0.3562, 0.3730

Tritanomaly

72.2293, 0.3137, 0.3389

Monochromacy



Original Color

72.7574, 0.3355, 0.3929

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

70.2261, 0.3210, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.7574, 0.3355, 0.3929 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(210, 229, 173)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 173)  
}
```

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(210, 229, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 173) }
```

Border

The CSS property to change the border of an element to Yxy 72.7574, 0.3355, 0.3929 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(210, 229, 173) }
```

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

```
.border{ border-color:rgb(210, 229, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 173);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
173) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.7574, 0.3355, 0.3929$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 173) }
```

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

```
.background{ background-color: rgb(210,  
229, 173) }
```

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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