

Converting Colors

$Yxy(76.8927, 0.3169, 0.3569)$

Have a look what the booklet for
Yxy(76.8927, 0.3169, 0.3569)
contains.

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Color

Yxy(76.6653, 0.3169, 0.3565)

Conversions

Conversions Part 1

Format	Color
Hex	D7E8CF
RGB	215, 232, 207
RGB Percent	84%, 91%, 81%
CMY	0.1567, 0.0902, 0.1882
CMYK	0.07, 0.00, 0.11, 0.09
HSL	101°, 35%, 86%
HSV	101°, 11%, 91%
XYZ	68.1493, 76.6653, 70.2353
YIQ	224.0670, -2.1070, -11.3790

Conversions

Conversions Part 2

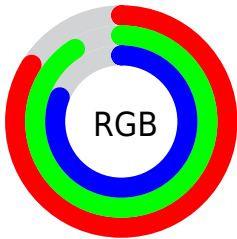
Format	Color
R _Y B	207, 232, 224
Decimal	14149839
CIE Lab	90.17, -10.10, 10.24
CIE LCh	90, 14.382, 134.604
Yxy	76.6653, 0.3169, 0.3565
Android (android.graphics.Color)	4292339919 (0xFFD7E8CF)
YUV	224.0670, -8.4140, -7.9518
Hunter-Lab	87.5587, -14.2964, 13.7316

Details

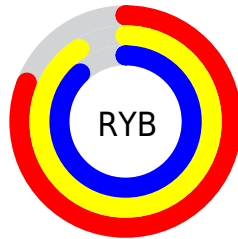
The Yxy color **76.6653, 0.3169, 0.3565** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **66.2929, 0.3080, 0.3021**, and the grayscale version is **74.6589, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8242, 0.3173, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **73.3452, 0.3206, 0.3847**, and if you desaturate by 10%, it is **80.3881, 0.3130, 0.3309**.

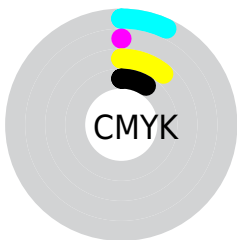
Distribution



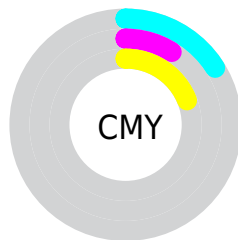
- Red (84%)
- Green (91%)
- Blue (81%)



- Red (81%)
- Yellow (91%)
- Blue (88%)



- Cyan (7%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)



- Cyan (16%)
- Magenta (9%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6653, 0.3169, 0.3565 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 76.6653, 0.3169, 0.3565 by changing the saturation by 10% instead.

■ 76.6653, 0.3169,
0.3565

■ 76.6653, 0.3169,
0.3565

483.6221, 0.3151,
0.3437

■ 56.9782, 0.3173,
0.3595

128.6669, 0.3163,
0.3520

■ 40.9878, 0.3177,
0.3631

161.7502, 0.3161,
0.3503

■ 28.3095, 0.3183,
0.3678

200.0677, 0.3158,
0.3488

■ 18.5591, 0.3190,
0.3739

244.0038, 0.3157,
0.3475

■ 11.3521, 0.3198,
0.3824

293.9429, 0.3155,
0.3464

■ 6.3042, 0.3209,
0.3947

350.2694, 0.3153,

■ 3.0309, 0.3222,

0.3454

0.4144

413.3677, 0.3152,
0.3445

■ 1.1479, 0.3319,
0.4627

■ 0.0185, 0.0000,
1.0000

■ 76.6653, 0.3169,
0.3565

■ 76.6653, 0.3169,
0.3565

■ 73.3452, 0.3206,
0.3847

■ 80.3881, 0.3130,
0.3309

■ 70.4044, 0.3239,
0.4153

■ 84.5169, 0.3091,
0.3079

■ 67.8315, 0.3265,
0.4473

■ 86.1921, 0.3138,
0.3068

■ 65.6111, 0.3281,
0.4798

■ 63.7266, 0.3283,
0.5110

■ 62.1596, 0.3270,
0.5390

■ 60.8899, 0.3242,
0.5619

■ 59.8944, 0.3198,
0.5784

■ 59.1892, 0.3151,
0.5880

Harmonies

Analogous

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



76.6653, 0.3330, 0.3588



76.6653, 0.3169, 0.3565



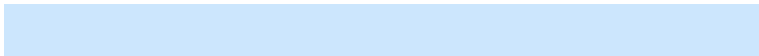
76.6653, 0.3000, 0.3462

Triad

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



76.6653, 0.3169, 0.3565



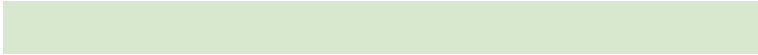
76.6653, 0.2824, 0.3047



76.6653, 0.3392, 0.3262

Complementary

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



76.6653, 0.3169, 0.3565



66.2929, 0.3080, 0.3021

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.



76.6653, 0.3251, 0.3127



76.6653, 0.3169, 0.3565



76.6653, 0.2923, 0.3003

Square

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



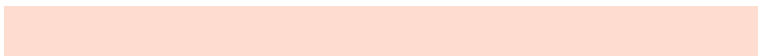
76.6653, 0.3169, 0.3565



76.6653, 0.2804, 0.3157



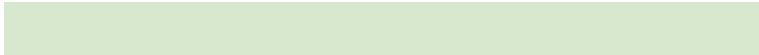
76.6653, 0.3078, 0.3033



76.6653, 0.3462, 0.3408

Rectangle

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



76.6653, 0.3169, 0.3565



76.6653, 0.2905, 0.3363



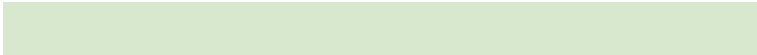
76.6653, 0.3078, 0.3033



76.6653, 0.3351, 0.3214

Sweetspot

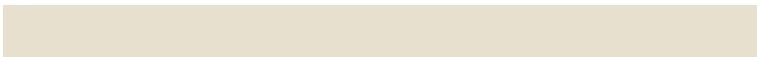
The Sweet Spot groups the original color and five complimentary colors.



76.6686, 0.3169, 0.3565



98.5455, 0.3139, 0.3364



74.7917, 0.3298, 0.3469



21.0113, 0.3142, 0.3384



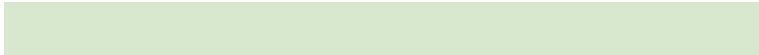
0.0000, 0.0000, 0.0000



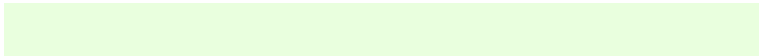
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6686, 0.3169, 0.3565



94.0255, 0.3178, 0.3628



75.6887, 0.3088, 0.3522



16.3127, 0.3164, 0.3530



32.9202, 0.3162, 0.5872



2.4812, 0.3273, 0.5783

Inverse Universe

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



66.2929, 0.3080, 0.3021



78.6787, 0.3069, 0.2961



67.3724, 0.3169, 0.3069



14.3710, 0.3087, 0.3055



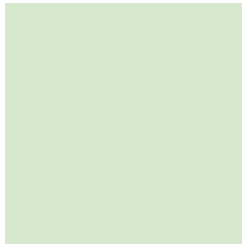
7.3106, 0.2414, 0.1103



0.5897, 0.2532, 0.1169

Previews

White Background



This preview shows how the Yxy color 76.6653, 0.3169, 0.3565 looks on a white background.

Color Contrast Check

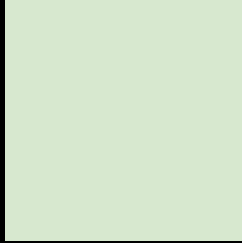
Large Text (above 18pt) WCAG AA × Fail

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 76.6653, 0.3169, 0.3565 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

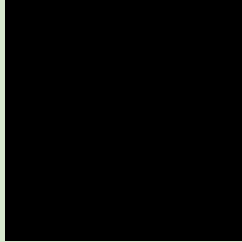
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

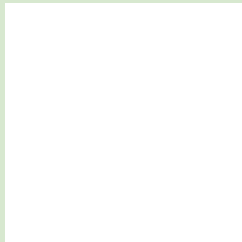
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6653, 0.3169, 0.3565

Background



This preview shows how black text looks on a background with the Yxy color 76.6653, 0.3169, 0.3565.

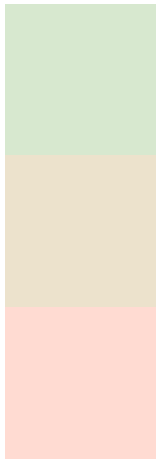


This preview shows how white text looks on a background with the Yxy color 76.6653, 0.3169, 0.3565.

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

76.6653, 0.3169, 0.3565

Protanopia

76.5852, 0.3344, 0.3524

Deuteranopia

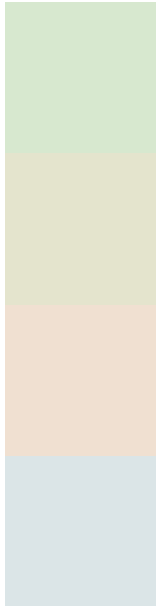
76.5762, 0.3454, 0.3382



Tritanopia

76.9029, 0.2974, 0.3101

Trichromacy



Original Color

76.6653, 0.3169, 0.3565

Protanomaly

76.3886, 0.3277, 0.3538

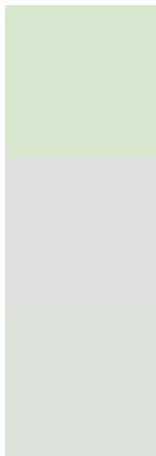
Deuteranomaly

76.4400, 0.3342, 0.3448

Tritanomaly

76.8682, 0.3047, 0.3268

Monochromacy



Original Color

76.6653, 0.3169, 0.3565

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.3723, 0.3143, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6653, 0.3169, 0.3565 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(215, 232, 207)` looks like.

```
.text, #text, p{  
    color:rgb(215, 232, 207)  
}
```

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(215, 232, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 232, 207) }
```

Border

The CSS property to change the border of an element to Yxy 76.6653, 0.3169, 0.3565 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(215, 232, 207) }
```

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

```
.border{ border-color:rgb(215, 232, 207) }
```

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

Here you see how a box with a 4 pixel rgb(215, 232, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 232, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 232, 207);  
box-shadow:4px 4px 4px 4px rgb(215, 232,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6653, 0.3169, 0.3565 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 232, 207) }
```

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

```
.background{ background-color: rgb(215,  
232, 207) }
```

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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