

Converting Colors

$Yxy(76.7676, 0.3141, 0.3582)$

Have a look what the booklet for
Yxy(76.7676, 0.3141, 0.3582)
contains.

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Color

Yxy(76.6317, 0.3141, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	D3E9CF
RGB	211, 233, 207
RGB Percent	83%, 91%, 81%
CMY	0.1724, 0.0863, 0.1883
CMYK	0.09, 0.00, 0.11, 0.09
HSL	111°, 37%, 86%
HSV	111°, 11%, 91%
XYZ	67.2723, 76.6317, 70.2707
YIQ	223.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

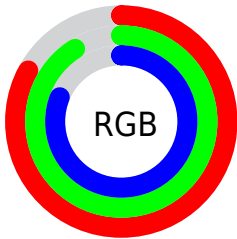
Format	Color
R _Y B	207, 233, 229
Decimal	13887951
CIE Lab	90.15, -11.96, 10.18
CIE LCh	90, 15.709, 139.586
Yxy	76.6317, 0.3141, 0.3578
Android (android.graphics.Color)	4292078031 (0xFFD3E9CF)
YUV	223.4580, -8.1138, -10.9257
Hunter-Lab	87.5395, -16.0207, 13.6837

Details

The Yxy color **76.6317, 0.3141, 0.3578** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.1543, 0.3110, 0.3013**, and the grayscale version is **74.2016, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8121, 0.3137, 0.3639** is the 20% darker color. If you saturate the color by 10%, you get **72.8473, 0.3151, 0.3869**, and if you desaturate by 10%, it is **80.9465, 0.3129, 0.3318**.

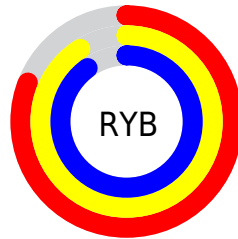
Distribution



Red (83%)

Green (91%)

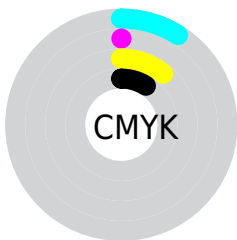
Blue (81%)



Red (81%)

Yellow (91%)

Blue (90%)

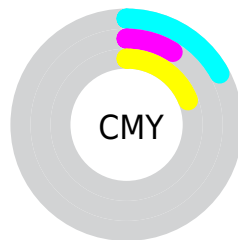


Cyan (9%)

Magenta (0%)

Yellow (11%)

Black (9%)



Cyan (17%)

Magenta (9%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6317, 0.3141, 0.3578 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 76.6317, 0.3141, 0.3578 by changing the saturation by 10% instead.

■ 76.6317, 0.3141,
0.3578

■ 76.6317, 0.3141,
0.3578

483.5074, 0.3136,
0.3443

■ 56.9506, 0.3142,
0.3609

128.6195, 0.3139,
0.3531

■ 40.9656, 0.3143,
0.3648

161.6950, 0.3139,
0.3513

■ 28.2922, 0.3144,
0.3697

200.0040, 0.3138,
0.3497

■ 18.5461, 0.3144,
0.3762

243.9311, 0.3138,
0.3484

■ 11.3427, 0.3144,
0.3851

293.8606, 0.3137,
0.3472

■ 6.2979, 0.3143,
0.3982

350.1769, 0.3137,

■ 3.0270, 0.3135,

0.3461

0.4192

413.2644, 0.3136,
0.3452

■ 1.1459, 0.3189,
0.4708

■ 0.0168, 0.0000,
1.0000

■ 76.6317, 0.3141,
0.3578

■ 76.6317, 0.3141,
0.3578

■ 72.8473, 0.3151,
0.3869

■ 80.9465, 0.3129,
0.3318

■ 69.5634, 0.3158,
0.4187

■ 85.8008, 0.3115,
0.3089

■ 66.7617, 0.3160,
0.4526

■ 86.7558, 0.3137,
0.3078

■ 64.4193, 0.3156,
0.4871

■ 62.5113, 0.3144,
0.5203

■ 61.0104, 0.3124,
0.5498

■ 59.8860, 0.3098,
0.5732

■ 59.1031, 0.3066,
0.5890

■ 58.6556, 0.3040,
0.5968

Harmonies

Analogous

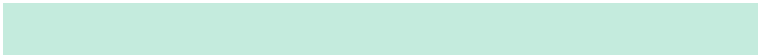
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.6317, 0.3322, 0.3619



76.6317, 0.3141, 0.3578



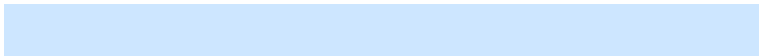
76.6317, 0.2960, 0.3453

Triad

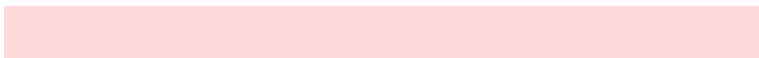
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6317, 0.3141, 0.3578



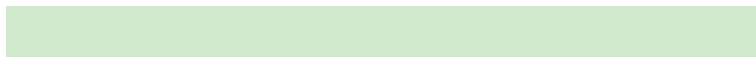
76.6317, 0.2809, 0.3011



76.6317, 0.3436, 0.3286

Complementary

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



76.6317, 0.3141, 0.3578



67.1543, 0.3110, 0.3013

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.



76.6317, 0.3291, 0.3134



76.6317, 0.3141, 0.3578



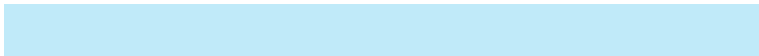
76.6317, 0.2929, 0.2977

Square

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



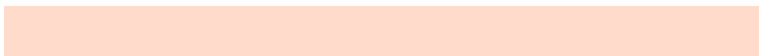
76.6317, 0.3141, 0.3578



76.6317, 0.2772, 0.3120



76.6317, 0.3105, 0.3023



76.6317, 0.3496, 0.3443

Rectangle

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



76.6317, 0.3141, 0.3578



76.6317, 0.2864, 0.3341



76.6317, 0.3105, 0.3023



76.6317, 0.3396, 0.3233

Sweetspot

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



76.6350, 0.3141, 0.3578



98.3124, 0.3131, 0.3364



77.6796, 0.3299, 0.3520



20.9486, 0.3132, 0.3384



0.0000, 0.0000, 0.0000



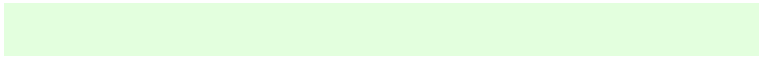
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6350, 0.3141, 0.3578



93.1182, 0.3143, 0.3631



76.4803, 0.3060, 0.3482



16.9747, 0.3139, 0.3532



33.3174, 0.3046, 0.5963



2.6504, 0.3123, 0.5902

Inverse Universe

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



67.1543, 0.3110, 0.3013



79.6776, 0.3107, 0.2965



67.3443, 0.3201, 0.3106



15.1882, 0.3113, 0.3056



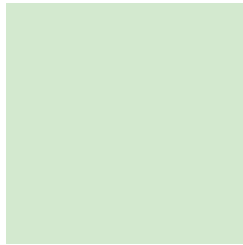
10.0984, 0.2819, 0.1327



0.8249, 0.2876, 0.1358

Previews

White Background



This preview shows how the Yxy color 76.6317, 0.3141, 0.3578 looks on a white background.

Color Contrast Check

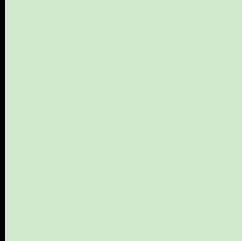
Large Text (above 18pt) WCAG AA × Fail

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 76.6317, 0.3141, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

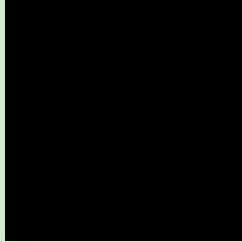
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

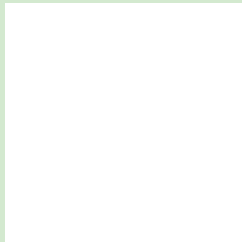
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6317, 0.3141, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 76.6317, 0.3141, 0.3578.

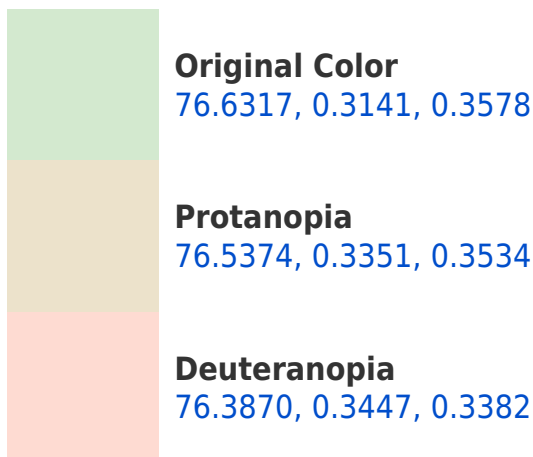


This preview shows how white text looks on a background with the Yxy color 76.6317, 0.3141, 0.3578.

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

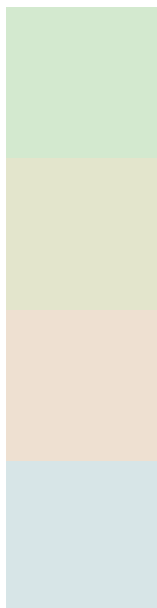




Tritanopia

76.2825, 0.2948, 0.3099

Trichromacy



Original Color

76.6317, 0.3141, 0.3578

Protanomaly

76.7291, 0.3275, 0.3560

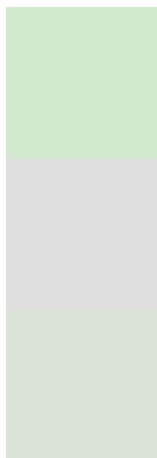
Deuteranomaly

76.0919, 0.3328, 0.3448

Tritanomaly

76.2552, 0.3020, 0.3268

Monochromacy



Original Color

76.6317, 0.3141, 0.3578

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.0080, 0.3136, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6317, 0.3141, 0.3578 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(211, 233, 207)` looks like.

```
.text, #text, p{  
    color:rgb(211, 233, 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(211, 233, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 233, 207) }
```

Border

The CSS property to change the border of an element to Yxy 76.6317, 0.3141, 0.3578 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(211, 233, 207) }
```

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

```
.border{ border-color:rgb(211, 233, 207) }
```

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

Here you see how a box with a 4 pixel rgb(211, 233, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 233, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 233, 207);  
box-shadow:4px 4px 4px 4px rgb(211, 233,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6317, 0.3141, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 233, 207) }
```

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

```
.background{ background-color: rgb(211,  
233, 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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