

Converting Colors

Yxy(75.9458, 0.3103, 0.3335)

Have a look what the booklet for
Yxy(75.9458, 0.3103, 0.3335)
contains.

Yxy(76.0843, 0.3098, 0.3333) 3

Conversions 4

Details 6

Harmonies 12

Previews 24

Color Blindness Simulation 27

CSS Examples 30

Color

Yxy(76.0843, 0.3098, 0.3333)

Conversions

Conversions Part 1	
Format	Color
Hex	DCE4E0
RGB	220, 228, 224
RGB Percent	86%, 89%, 88%
CMY	0.1371, 0.1059, 0.1216
CMYK	0.03, 0.00, 0.02, 0.11
HSL	150°, 13%, 88%
HSV	150°, 3%, 89%
XYZ	70.7198, 76.0843, 81.4716
YIQ	225.1520, -3.4840, -2.9400

Conversions

Conversions Part 2

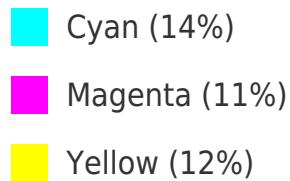
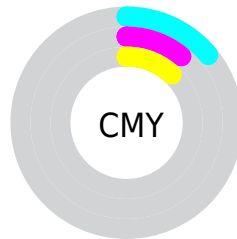
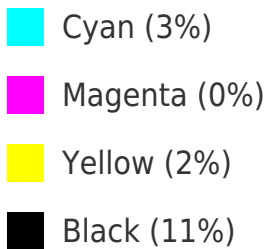
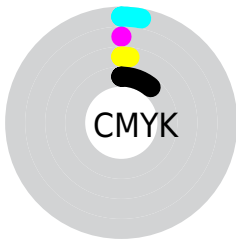
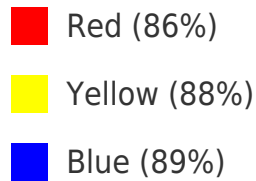
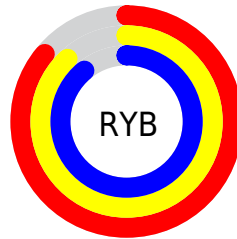
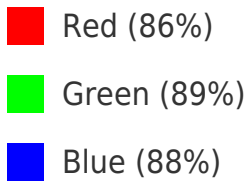
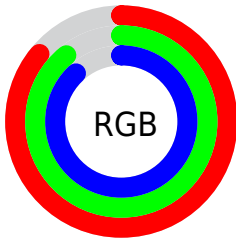
Format	Color
RYB	220, 225, 228
Decimal	14476512
CIELab	89.90, -3.38, 1.01
CIELCh	90, 3.531, 163.330
Yxy	76.0843, 0.3098, 0.3333
Android (android.graphics.Color)	4292666592 (0xFFDCE4E0)
YUV	225.1520, -0.5679, -4.5183
Hunter-Lab	87.2263, -7.9250, 5.6800

Details

The Yxy color **76.0843, 0.3098, 0.3333** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.0831, 0.3157, 0.3247**, and the grayscale version is **75.4212, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7510, 0.3089, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **72.1668, 0.3015, 0.3466**, and if you desaturate by 10%, it is **80.5355, 0.3182, 0.3214**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0843, 0.3098, 0.3333 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 76.0843, 0.3098, 0.3333 by changing the saturation by 10% instead.


 76.0843, 0.3098,
0.3333

 76.0843, 0.3098,
0.3333


481.6362, 0.3111,
0.3313

 56.5016, 0.3095,
0.3337


127.8461, 0.3103,
0.3326

 40.6053, 0.3091,
0.3343


160.7939, 0.3104,
0.3324

 28.0108, 0.3086,
0.3350


198.9657, 0.3106,
0.3321

 18.3338, 0.3080,
0.3359

242.7457, 0.3107,
0.3319

 11.1899, 0.3072,
0.3372

292.5184, 0.3109,
0.3317

 6.1947, 0.3059,
0.3390


348.6681, 0.3110,


 2.9638, 0.3040,


0.3316


0.3418

411.5792, 0.3111,
0.3315


 1.1129, 0.3006,
0.3469

 0.0000, 0.0000,
0.0000


 76.0843, 0.3098,
0.3333


 76.0843, 0.3098,
0.3333


 72.1668, 0.3015,
0.3466


 80.5355, 0.3182,
0.3214

 68.7529, 0.2936,
0.3615


 83.4565, 0.3191,
0.3105


 65.8243, 0.2862,
0.3778


 83.9649, 0.3139,
0.3029


 63.3575, 0.2797,
0.3955

 61.3274, 0.2745,
0.4143

 59.7063, 0.2708,
0.4339

 58.4629, 0.2689,
0.4538

 57.5616, 0.2691,
0.4735

 56.9589, 0.2712,
0.4924

Harmonies

Analogous

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



76.0843, 0.3140, 0.3357



76.0843, 0.3098, 0.3333



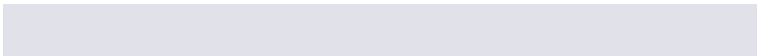
76.0843, 0.3064, 0.3297

Triad

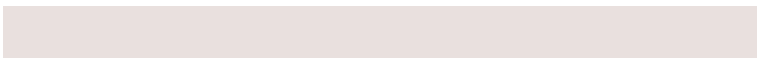
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0843, 0.3098, 0.3333



76.0843, 0.3075, 0.3219



76.0843, 0.3208, 0.3319

Complementary

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



76.0843, 0.3098, 0.3333



73.0831, 0.3157, 0.3247

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.



76.0843, 0.3191, 0.3283



76.0843, 0.3098, 0.3333



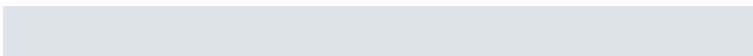
76.0843, 0.3114, 0.3225

Square

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



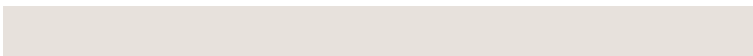
76.0843, 0.3098, 0.3333



76.0843, 0.3051, 0.3231



76.0843, 0.3156, 0.3248



76.0843, 0.3204, 0.3349

Rectangle

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



76.0843, 0.3098, 0.3333



76.0843, 0.3050, 0.3272



76.0843, 0.3156, 0.3248



76.0843, 0.3205, 0.3307

Sweetspot

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



76.0876, 0.3098, 0.3333



99.4372, 0.3119, 0.3302



76.5253, 0.3152, 0.3375



21.2896, 0.3119, 0.3302



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.



76.0876, 0.3098, 0.3333



97.7903, 0.3094, 0.3340



76.3001, 0.3074, 0.3291



16.6233, 0.3088, 0.3349



32.7559, 0.2726, 0.5014



2.4393, 0.2652, 0.4746

Inverse Universe

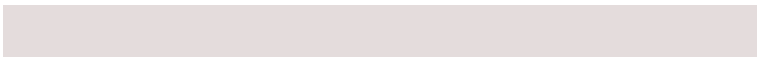
The Inverse Universe completely reimagines the original color for something new.



73.0831, 0.3157, 0.3247



93.3418, 0.3162, 0.3241



72.8752, 0.3183, 0.3289



15.7355, 0.3169, 0.3232



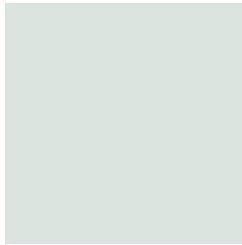
10.2595, 0.4940, 0.2495



0.7769, 0.4619, 0.2318

Previews

White Background



This preview shows how the Yxy color 76.0843, 0.3098, 0.3333 looks on a white background.

Color Contrast Check

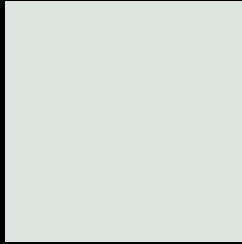
Large Text (above 18pt) WCAG AA × Fail

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 76.0843, 0.3098, 0.3333 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

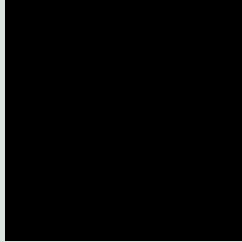
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

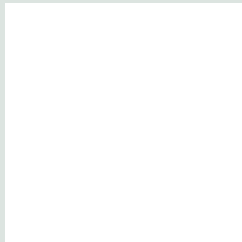
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0843, 0.3098, 0.3333

Background



This preview shows how black text looks on a background with the Yxy color 76.0843, 0.3098, 0.3333.

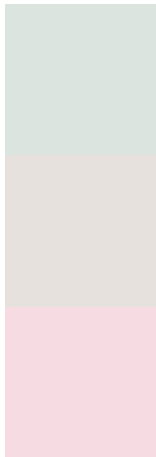


This preview shows how white text looks on a background with the Yxy color 76.0843, 0.3098, 0.3333.

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

76.0843, 0.3098, 0.3333

Protanopia

76.1133, 0.3189, 0.3322

Deuteranopia

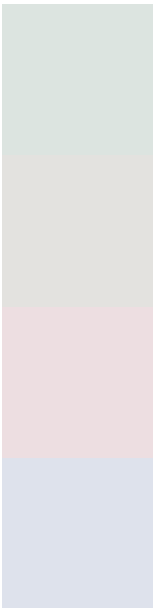
75.9282, 0.3282, 0.3219



Tritanopia

76.0095, 0.3000, 0.3101

Trichromacy



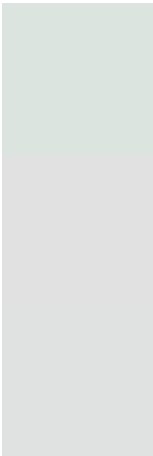
Original Color
76.0843, 0.3098, 0.3333

Protanomaly
76.0513, 0.3154, 0.3322

Deuteranomaly
75.6833, 0.3214, 0.3259

Tritanomaly
75.9784, 0.3036, 0.3184

Monochromacy



Original Color
76.0843, 0.3098, 0.3333

Achromatopsia
75.2942, 0.3127, 0.3290

Achromatomaly
75.5169, 0.3113, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0843, 0.3098, 0.3333 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(220, 228, 224) looks like.

```
.text, #text, p{  
    color:rgb(220, 228, 224)  
}
```

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(220, 228, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 228, 224) }
```

Border

The CSS property to change the border of an element to Yxy 76.0843, 0.3098, 0.3333 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(220, 228, 224) }
```

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

```
.border{ border-color:rgb(220, 228, 224) }
```

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

Here you see how a box with a 4 pixel rgb(220, 228, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 228, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 228, 224);  
box-shadow:4px 4px 4px 4px rgb(220, 228,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0843, 0.3098, 0.3333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 228, 224) }
```

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

```
.background{ background-color: rgb(220,  
228, 224) }
```

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