

Converting Colors

$Yxy(76.3631, 0.3104, 0.3382)$

Have a look what the booklet for
Yxy(76.3631, 0.3104, 0.3382)
contains.

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Color

Yxy(76.1645, 0.3103, 0.3377)

Conversions

Conversions Part 1

Format	Color
Hex	DAE5DD
RGB	218, 229, 221
RGB Percent	85%, 90%, 87%
CMY	0.1450, 0.1020, 0.1335
CMYK	0.05, 0.00, 0.04, 0.10
HSL	136°, 17%, 88%
HSV	136°, 5%, 90%
XYZ	69.9847, 76.1645, 79.3897
YIQ	224.7990, -3.9880, -4.8200

Conversions

Conversions Part 2

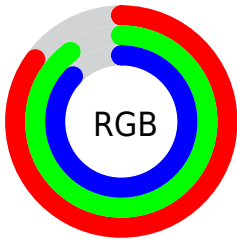
Format	Color
R _{YB}	218, 227, 229
Decimal	14345693
CIE Lab	89.94, -5.12, 2.64
CIE LCh	90, 5.758, 152.743
Yxy	76.1645, 0.3103, 0.3377
Android (android.graphics.Color)	4292535773 (0xFFDAE5DD)
YUV	224.7990, -1.8729, -5.9627
Hunter-Lab	87.2723, -9.5851, 7.1558

Details

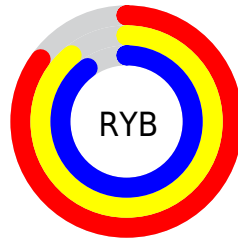
The Yxy color **76.1645, 0.3103, 0.3377** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **72.3093, 0.3152, 0.3205**, and the grayscale version is **75.1618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8118, 0.3095, 0.3403** is the 20% darker color. If you saturate the color by 10%, you get **72.0271, 0.3052, 0.3576**, and if you desaturate by 10%, it is **80.8855, 0.3153, 0.3201**.

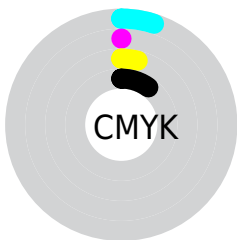
Distribution



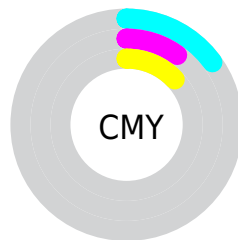
- Red (85%)
- Green (90%)
- Blue (87%)



- Red (85%)
- Yellow (89%)
- Blue (90%)



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (10%)





- Cyan (15%)
- Magenta (10%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1645, 0.3103, 0.3377 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 76.1645, 0.3103, 0.3377 by changing the saturation by 10% instead.


 76.1645, 0.3103,
0.3377

 76.1645, 0.3103,
0.3377


481.9106, 0.3114,
0.3337

 56.5674, 0.3100,
0.3386


127.9594, 0.3107,
0.3363

 40.6580, 0.3097,
0.3398


160.9260, 0.3108,
0.3358

 28.0520, 0.3093,
0.3412


199.1179, 0.3110,
0.3353

 18.3648, 0.3088,
0.3431

242.9195, 0.3111,
0.3349

 11.2122, 0.3080,
0.3456

292.7152, 0.3112,
0.3345

 6.2098, 0.3070,
0.3494

348.8893, 0.3113,

 2.9731, 0.3053,

0.3342

411.8263, 0.3114,
0.3339

0.3552

1.1177, 0.3021,
0.3659

0.0000, 0.0000,
0.0000

76.1645, 0.3103,
0.3377

76.1645, 0.3103,
0.3377

72.0271, 0.3052,
0.3576

80.8855, 0.3153,
0.3201

68.4412, 0.3003,
0.3799

84.4892, 0.3142,
0.3043

65.3860, 0.2957,
0.4046

84.5201, 0.3139,
0.3039

62.8358, 0.2917,
0.4312

■ 60.7626, 0.2886,
0.4591

■ 59.1357, 0.2866,
0.4873

■ 57.9207, 0.2862,
0.5144

■ 57.0779, 0.2873,
0.5392

■ 56.5592, 0.2899,
0.5600

Harmonies

Analogous

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



76.1645, 0.3172, 0.3406



76.1645, 0.3103, 0.3377



76.1645, 0.3041, 0.3324

Triad

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



76.1645, 0.3103, 0.3377



76.1645, 0.3026, 0.3177



76.1645, 0.3254, 0.3317

Complementary

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



76.1645, 0.3103, 0.3377



72.3093, 0.3152, 0.3205

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.



76.1645, 0.3214, 0.3257



76.1645, 0.3103, 0.3377



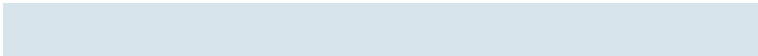
76.1645, 0.3082, 0.3177

Square

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



76.1645, 0.3103, 0.3377



76.1645, 0.2997, 0.3208



76.1645, 0.3151, 0.3206



76.1645, 0.3259, 0.3371

Rectangle

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



76.1645, 0.3103, 0.3377



76.1645, 0.3012, 0.3282



76.1645, 0.3151, 0.3206



76.1645, 0.3244, 0.3296

Sweetspot

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



76.1678, 0.3103, 0.3377



99.3998, 0.3122, 0.3308



77.2843, 0.3177, 0.3407



21.2820, 0.3122, 0.3307



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.



76.1678, 0.3103, 0.3377



96.5117, 0.3097, 0.3400



76.4647, 0.3069, 0.3317



16.4140, 0.3094, 0.3412



32.2511, 0.2907, 0.5666



2.3984, 0.2828, 0.5380

Inverse Universe

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



72.3093, 0.3152, 0.3205



90.3631, 0.3159, 0.3182



72.0130, 0.3189, 0.3263



15.2678, 0.3162, 0.3171



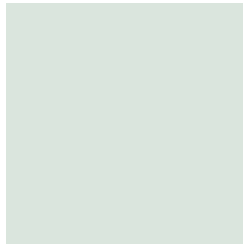
11.1573, 0.4022, 0.1990



0.8397, 0.3877, 0.1909

Previews

White Background



This preview shows how the Yxy color 76.1645, 0.3103, 0.3377 looks on a white background.

Color Contrast Check

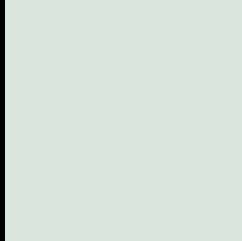
Large Text (above 18pt) WCAG AA × Fail

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 76.1645, 0.3103, 0.3377 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

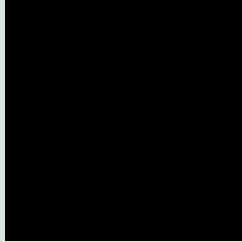
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

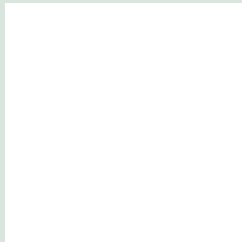
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1645, 0.3103, 0.3377

Background



This preview shows how black text looks on a background with the Yxy color 76.1645, 0.3103, 0.3377.

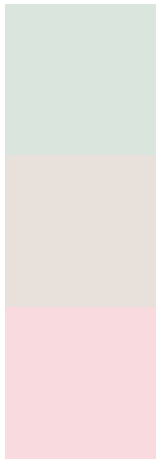


This preview shows how white text looks on a background with the Yxy color 76.1645, 0.3103, 0.3377.

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



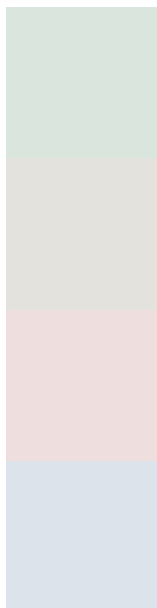
Original Color
76.1645, 0.3103, 0.3377
Protanopia
76.1207, 0.3216, 0.3354
Deuteranopia
76.1305, 0.3318, 0.3250



Tritanopia

76.3934, 0.2993, 0.3111

Trichromacy



Original Color

76.1645, 0.3103, 0.3377

Protanomaly

75.8909, 0.3173, 0.3354

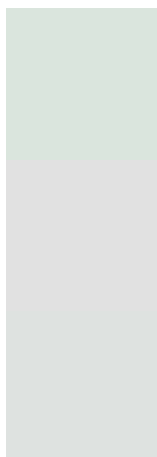
Deuteranomaly

76.2264, 0.3240, 0.3301

Tritanomaly

76.3085, 0.3036, 0.3205

Monochromacy



Original Color

76.1645, 0.3103, 0.3377

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3041, 0.3112, 0.3311

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1645, 0.3103, 0.3377 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(218, 229, 221) looks like.

```
.text, #text, p{  
    color:rgb(218, 229, 221)  
}
```

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(218, 229, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 229, 221) }
```

Border

The CSS property to change the border of an element to Yxy 76.1645, 0.3103, 0.3377 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(218, 229, 221) }
```

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

```
.border{ border-color:rgb(218, 229, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 229, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 229, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 229, 221);  
box-shadow:4px 4px 4px 4px rgb(218, 229,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1645, 0.3103, 0.3377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 229, 221) }
```

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

```
.background{ background-color: rgb(218,  
229, 221) }
```

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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