

Converting Colors

$Yxy(76.1921, 0.3018, 0.3311)$

Have a look what the booklet for
Yxy(76.1921, 0.3018, 0.3311)
contains.

Yxy(76.1921, 0.3018, 0.3311)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(76.1921, 0.3018, 0.3311)

Conversions

Conversions Part 1

Format	Color
Hex	D4E6E4
RGB	212, 230, 228
RGB Percent	83%, 90%, 89%
CMY	0.1687, 0.0980, 0.1057
CMYK	0.08, 0.00, 0.01, 0.10
HSL	173°, 27%, 87%
HSV	173°, 8%, 90%
XYZ	69.4496, 76.1921, 84.4764
YIQ	224.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

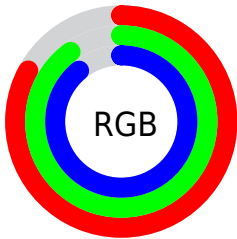
Format	Color
R _Y B	212, 222, 230
Decimal	13952740
CIE Lab	89.95, -6.33, -1.11
CIE LCh	90, 6.423, 189.915
Yxy	76.1921, 0.3018, 0.3311
Android (android.graphics.Color)	4292142820 (0xFFD4E6E4)
YUV	224.3900, 1.7797, -10.8660
Hunter-Lab	87.2881, -10.7329, 3.7215

Details

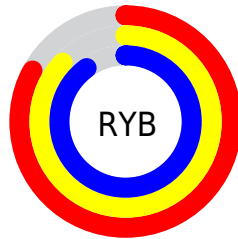
The Yxy color **76.1921, 0.3018, 0.3311** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **68.7479, 0.3248, 0.3269**, and the grayscale version is **74.8273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8452, 0.2988, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **72.8794, 0.2885, 0.3340**, and if you desaturate by 10%, it is **80.0001, 0.3158, 0.3285**.

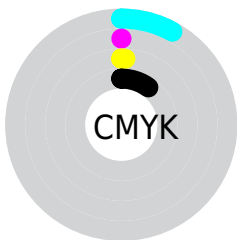
Distribution



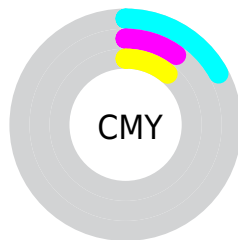
- Red (83%)
- Green (90%)
- Blue (89%)



- Red (83%)
- Yellow (87%)
- Blue (90%)



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (10%)





- Cyan (17%)
- Magenta (10%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1921, 0.3018, 0.3311 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 76.1921, 0.3018, 0.3311 by changing the saturation by 10% instead.

 76.1921, 0.3018,
0.3311

 76.1921, 0.3018,
0.3311


482.0050, 0.3068,
0.3302

 56.5900, 0.3007,
0.3313


127.9984, 0.3035,
0.3308

 40.6762, 0.2993,
0.3316


160.9715, 0.3042,
0.3307

 28.0662, 0.2975,
0.3319


199.1703, 0.3048,
0.3305

 18.3755, 0.2952,
0.3323

242.9793, 0.3053,
0.3304

 11.2199, 0.2921,
0.3329

292.7829, 0.3057,
0.3304

 6.2150, 0.2877,
0.3336

348.9654, 0.3061,

 2.9762, 0.2808,

0.3303

411.9114, 0.3065,
0.3302

0.3348

1.1193, 0.2688,
0.3367

0.0000, 0.0000,
0.0000

76.1921, 0.3018,
0.3311

76.1921, 0.3018,
0.3311

72.8794, 0.2885,
0.3340

80.0001, 0.3158,
0.3285

70.0320, 0.2761,
0.3372


83.7452, 0.3280,
0.3260


67.6310, 0.2649,
0.3405

83.8895, 0.3264,
0.3236

65.6528, 0.2552,
0.3441

84.0357, 0.3247,
0.3211


 64.0714, 0.2473,
0.3478


 84.1841, 0.3231,
0.3187


 62.8582, 0.2412,
0.3515

 84.3345, 0.3215,
0.3162


 61.9803, 0.2371,
0.3553

 84.4869, 0.3199,
0.3138

 61.3995, 0.2349,
0.3591

 84.6415, 0.3182,
0.3114

 61.0629, 0.2344,
0.3629

 84.7981, 0.3166,
0.3090

Harmonies

Analogous

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



76.1921, 0.3082, 0.3375



76.1921, 0.3018, 0.3311



76.1921, 0.2983, 0.3242

Triad

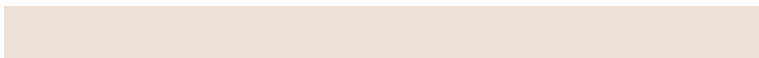
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.1921, 0.3018, 0.3311



76.1921, 0.3094, 0.3169



76.1921, 0.3270, 0.3391

Complementary

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



76.1921, 0.3018, 0.3311



68.7479, 0.3248, 0.3269

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.



76.1921, 0.3274, 0.3335



76.1921, 0.3018, 0.3311



76.1921, 0.3171, 0.3208

Square

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



76.1921, 0.3018, 0.3311



76.1921, 0.3027, 0.3161



76.1921, 0.3237, 0.3268



76.1921, 0.3228, 0.3421

Rectangle

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



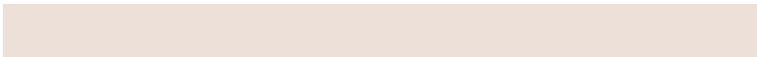
76.1921, 0.3018, 0.3311



76.1921, 0.2981, 0.3203



76.1921, 0.3237, 0.3268



76.1921, 0.3276, 0.3375

Sweetspot

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



76.1953, 0.3018, 0.3311



99.0098, 0.3099, 0.3295



75.6581, 0.3132, 0.3488



21.2025, 0.3100, 0.3295



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.



76.1953, 0.3018, 0.3311



95.7442, 0.3002, 0.3314



72.5319, 0.3006, 0.3214



16.3079, 0.2996, 0.3316



34.5454, 0.2342, 0.3631



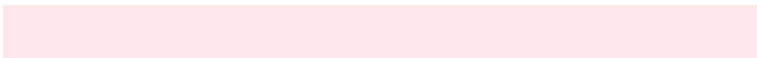
2.5606, 0.2327, 0.3576

Inverse Universe

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



68.7479, 0.3248, 0.3269



84.9735, 0.3268, 0.3266



72.1794, 0.3255, 0.3365



14.3934, 0.3275, 0.3265



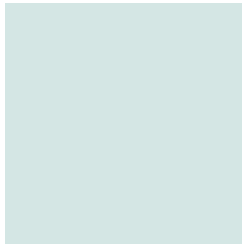
9.5728, 0.6267, 0.3226



0.7160, 0.5975, 0.3065

Previews

White Background



This preview shows how the Yxy color 76.1921, 0.3018, 0.3311 looks on a white background.

Color Contrast Check

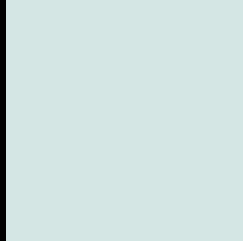
Large Text (above 18pt) WCAG AA × Fail

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 76.1921, 0.3018, 0.3311 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

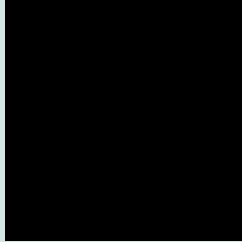
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

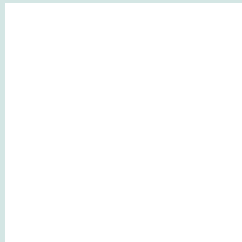
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1921, 0.3018, 0.3311

Background



This preview shows how black text looks on a background with the Yxy color 76.1921, 0.3018, 0.3311.

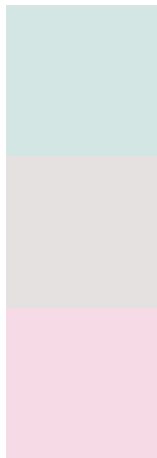


This preview shows how white text looks on a background with the Yxy color 76.1921, 0.3018, 0.3311.

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

76.1921, 0.3018, 0.3311

Protanopia

76.1097, 0.3162, 0.3290

Deuteranopia

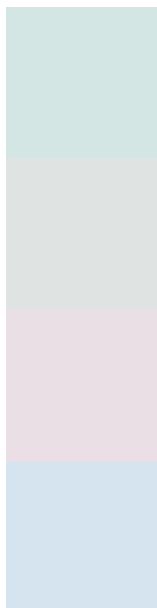
75.9690, 0.3247, 0.3178



Tritanopia

75.9778, 0.2935, 0.3098

Trichromacy



Original Color

76.1921, 0.3018, 0.3311

Protanomaly

76.1171, 0.3106, 0.3301

Deuteranomaly

75.9249, 0.3165, 0.3227

Tritanomaly

76.0149, 0.2965, 0.3172

Monochromacy



Original Color

76.1921, 0.3018, 0.3311

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0446, 0.3092, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1921, 0.3018, 0.3311 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(212, 230, 228)` looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 228)  
}
```

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(212, 230, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 228) }
```

Border

The CSS property to change the border of an element to Yxy 76.1921, 0.3018, 0.3311 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(212, 230, 228) }
```

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

```
.border{ border-color:rgb(212, 230, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 230, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 228);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1921, 0.3018, 0.3311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 230, 228) }
```

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

```
.background{ background-color: rgb(212,  
230, 228) }
```

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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