

Converting Colors

$Yxy(76.3034, 0.2990, 0.3256)$

Have a look what the booklet for
Yxy(76.3034, 0.2990, 0.3256)
contains.

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Color

Yxy(76.4739, 0.2988, 0.3257)

Conversions

Conversions Part 1

Format	Color
Hex	D4E6E9
RGB	212, 230, 233
RGB Percent	83%, 90%, 91%
CMY	0.1686, 0.0980, 0.0862
CMYK	0.09, 0.01, 0.00, 0.09
HSL	189°, 32%, 87%
HSV	189°, 9%, 91%
XYZ	70.1578, 76.4739, 88.1669
YIQ	224.9600, -11.6910, -2.8830

Conversions

Conversions Part 2

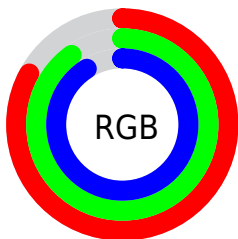
Format	Color
R _Y B	212, 222, 233
Decimal	13952745
CIE Lab	90.08, -5.36, -3.52
CIE LCh	90, 6.416, 213.268
Yxy	76.4739, 0.2988, 0.3257
Android (android.graphics.Color)	4292142825 (0xFFD4E6E9)
YUV	224.9600, 3.9637, -11.3659
Hunter-Lab	87.4494, -9.8315, 1.4381

Details

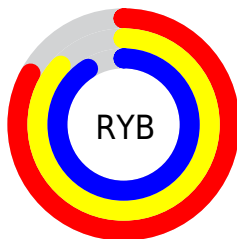
The Yxy color **76.4739, 0.2988, 0.3257** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **70.6890, 0.3281, 0.3323**, and the grayscale version is **75.2447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.0024, 0.2957, 0.3261** is the 20% darker color. If you saturate the color by 10%, you get **71.4176, 0.2838, 0.3217**, and if you desaturate by 10%, it is **82.0720, 0.3142, 0.3293**.

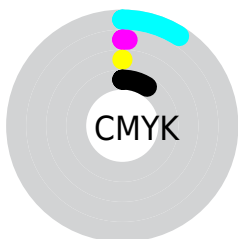
Distribution



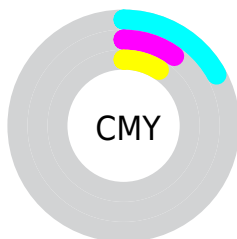
- Red (83%)
- Green (90%)
- Blue (91%)



- Red (83%)
- Yellow (87%)
- Blue (91%)



- Cyan (9%)
- Magenta (1%)
- Yellow (0%)
- Black (9%)



- Cyan (17%)
- Magenta (10%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4739, 0.2988, 0.3257 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 76.4739, 0.2988, 0.3257 by changing the saturation by 10% instead.

■ 76.4739, 0.2988,
0.3257

■ 76.4739, 0.2988,
0.3257

482.9684, 0.3052,
0.3273

■ 56.8212, 0.2974,
0.3253

128.3966, 0.3010,
0.3262

■ 40.8617, 0.2956,
0.3249

161.4353, 0.3019,
0.3265

■ 28.2110, 0.2934,
0.3243

199.7049, 0.3026,
0.3266

■ 18.4848, 0.2905,
0.3236

243.5896, 0.3032,
0.3268

■ 11.2986, 0.2866,
0.3225

293.4739, 0.3038,
0.3269

■ 6.2681, 0.2810,
0.3210

349.7422, 0.3043,

■ 3.0088, 0.2725,

0.3271

0.3185

412.7789, 0.3048,
0.3272

■ 1.1363, 0.2576,
0.3139

■ 0.0087, 0.0000,
0.0331

■ 76.4739, 0.2988,
0.3257

■ 76.4739, 0.2988,
0.3257

■ 71.4176, 0.2838,
0.3217

■ 82.0720, 0.3142,
0.3293

■ 66.8721, 0.2695,
0.3174

■ 87.5326, 0.3274,
0.3326

■ 62.8174, 0.2563,
0.3128

■ 89.4829, 0.3270,
0.3359

■ 59.2287, 0.2445,
0.3080

■ 91.4694, 0.3267,
0.3392

■ 56.0788, 0.2342,
0.3030

■ 93.4924, 0.3264,
0.3424

■ 53.3372, 0.2258,
0.2979

■ 95.5520, 0.3261,
0.3456

■ 50.9696, 0.2194,
0.2928

■ 97.6484, 0.3257,
0.3487

■ 48.9351, 0.2148,
0.2877

■ 98.6643, 0.3256,
0.3503

■ 47.1712, 0.2120,
0.2826

Harmonies

Analogous

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



76.4739, 0.3030, 0.3326



76.4739, 0.2988, 0.3257



76.4739, 0.2982, 0.3198

Triad

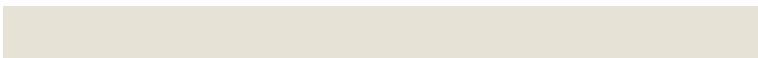
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4739, 0.2988, 0.3257



76.4739, 0.3154, 0.3197



76.4739, 0.3240, 0.3417

Complementary

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



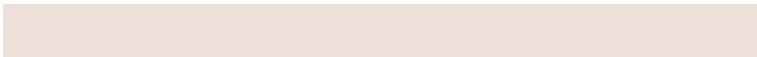
76.4739, 0.2988, 0.3257



70.6890, 0.3281, 0.3323

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.



76.4739, 0.3274, 0.3380



76.4739, 0.2988, 0.3257



76.4739, 0.3224, 0.3254

Square

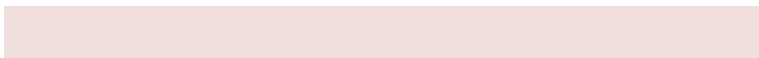
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.4739, 0.2988, 0.3257



76.4739, 0.3078, 0.3164



76.4739, 0.3269, 0.3321



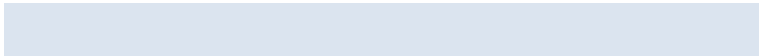
76.4739, 0.3176, 0.3419

Rectangle

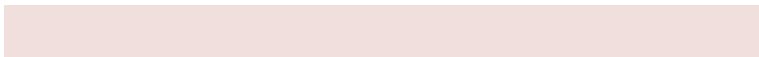
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



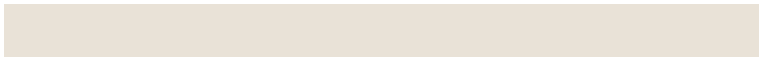
76.4739, 0.2988, 0.3257



76.4739, 0.3000, 0.3172



76.4739, 0.3269, 0.3321



76.4739, 0.3255, 0.3408

Sweetspot

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



76.4771, 0.2988, 0.3257



97.8797, 0.3080, 0.3279



77.1817, 0.3099, 0.3490



20.8312, 0.3068, 0.3276



0.0000, 0.0000, 0.0000



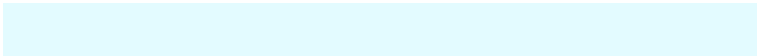
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4771, 0.2988, 0.3257



92.5224, 0.2957, 0.3249



70.9142, 0.2988, 0.3144



16.7321, 0.2981, 0.3255



26.8075, 0.2119, 0.2829



2.2059, 0.2139, 0.2899

Inverse Universe

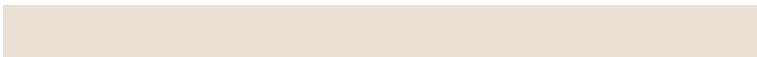
The Inverse Universe completely reimagines the original color for something new.



70.1273, 0.3158, 0.3100



83.1344, 0.3166, 0.3056



76.0996, 0.3269, 0.3432



15.2745, 0.3160, 0.3091



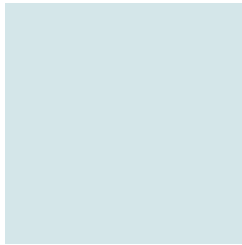
12.1990, 0.3608, 0.1761



0.9681, 0.3544, 0.1726

Previews

White Background



This preview shows how the Yxy color 76.4739, 0.2988, 0.3257 looks on a white background.

Color Contrast Check

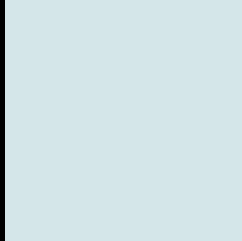
Large Text (above 18pt) WCAG AA × Fail

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 76.4739, 0.2988, 0.3257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

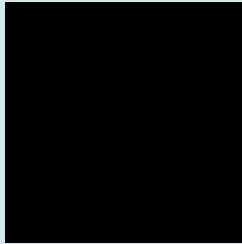
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

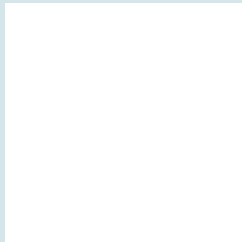
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4739, 0.2988, 0.3257

Background



This preview shows how black text looks on a background with the Yxy color 76.4739, 0.2988, 0.3257.

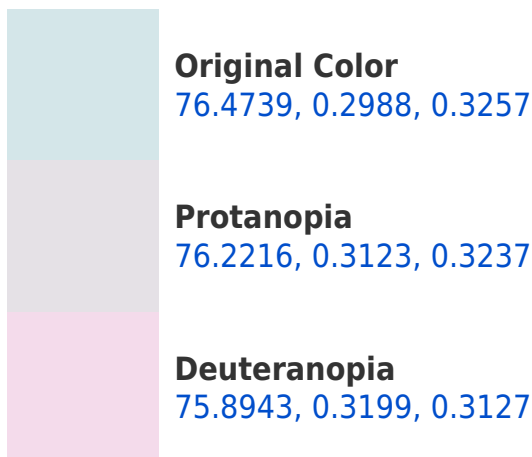


This preview shows how white text looks on a background with the Yxy color 76.4739, 0.2988, 0.3257.

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

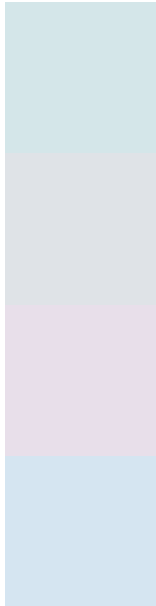




Tritanopia

76.4368, 0.2923, 0.3099

Trichromacy



Original Color

76.4739, 0.2988, 0.3257

Protanomaly

76.3957, 0.3074, 0.3247

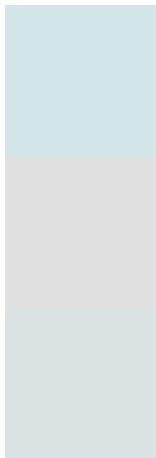
Deuteranomaly

75.8717, 0.3119, 0.3175

Tritanomaly

76.5356, 0.2947, 0.3161

Monochromacy



Original Color

76.4739, 0.2988, 0.3257

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7553, 0.3073, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4739, 0.2988, 0.3257 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, 233)` looks like.

```
.text, #text, p{  
    color:rgb(212, 230, 233)  
}
```

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, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 230, 233) }
```

Border

The CSS property to change the border of an element to Yxy 76.4739, 0.2988, 0.3257 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, 233) }
```

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

```
.border{ border-color:rgb(212, 230, 233) }
```

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, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 230, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 230, 233);  
box-shadow:4px 4px 4px 4px rgb(212, 230,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4739, 0.2988, 0.3257 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, 233) }
```

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

```
.background{ background-color: rgb(212,  
230, 233) }
```

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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