

Converting Colors

$Yxy(76.3865, 0.2940, 0.3161)$

Have a look what the booklet for
Yxy(76.3865, 0.2940, 0.3161)
contains.

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Color

Yxy(76.3865, 0.2940, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	D4E5F1
RGB	212, 229, 241
RGB Percent	83%, 90%, 95%
CMY	0.1687, 0.1019, 0.0549
CMYK	0.12, 0.05, 0.00, 0.05
HSL	205°, 51%, 89%
HSV	205°, 12%, 95%
XYZ	71.0460, 76.3865, 94.2205
YIQ	225.2850, -13.9840, 0.1280

Conversions

Conversions Part 2

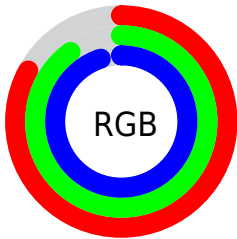
Format	Color
R _Y B	212, 223, 241
Decimal	13952497
CIE Lab	90.04, -3.29, -7.76
CIE LCh	90, 8.430, 247.021
Yxy	76.3865, 0.2940, 0.3161
Android (android.graphics.Color)	4292142577 (0xFFD4E5F1)
YUV	225.2850, 7.7475, -11.6509
Hunter-Lab	87.3994, -7.8482, -2.7378

Details

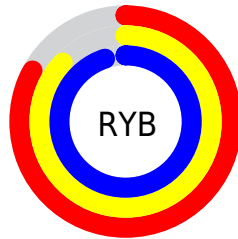
The Yxy color **76.3865, 0.2940, 0.3161** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.7597, 0.3329, 0.3416**, and the grayscale version is **75.4625, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9430, 0.2895, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **67.7136, 0.2781, 0.3041**, and if you desaturate by 10%, it is **85.9170, 0.3096, 0.3269**.

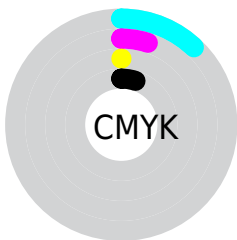
Distribution



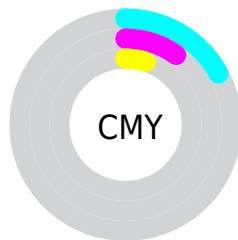
- Red (83%)
- Green (90%)
- Blue (95%)



- Red (83%)
- Yellow (87%)
- Blue (95%)



- Cyan (12%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3865, 0.2940, 0.3161 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 76.3865, 0.2940, 0.3161 by changing the saturation by 10% instead.

■ 76.3865, 0.2940,
0.3161

■ 76.3865, 0.2940,
0.3161

482.6697, 0.3025,
0.3221

■ 56.7495, 0.2921,
0.3147

128.2731, 0.2969,
0.3182

■ 40.8042, 0.2897,
0.3131

161.2915, 0.2981,
0.3190

■ 28.1661, 0.2867,
0.3109

199.5391, 0.2991,
0.3197

■ 18.4509, 0.2829,
0.3082

243.4004, 0.3000,
0.3203

■ 11.2742, 0.2777,
0.3044

293.2597, 0.3007,
0.3208

■ 6.2516, 0.2703,
0.2990

349.5014, 0.3014,

■ 2.9986, 0.2590,

0.3213

0.2906

412.5100, 0.3020,
0.3217

■ 1.1310, 0.2397,
0.2758

■ 0.0043, 0.0000,
0.0077

■ 76.3865, 0.2940,
0.3161

■ 76.3865, 0.2940,
0.3161

■ 67.7136, 0.2781,
0.3041

■ 85.9170, 0.3096,
0.3269

■ 59.8598, 0.2623,
0.2909

■ 95.3245, 0.3213,
0.3367

■ 52.7975, 0.2468,
0.2767

■ 99.1311, 0.3209,
0.3425

■ 46.4937, 0.2321,
0.2615

■ 40.9124, 0.2186,
0.2457

■ 36.0138, 0.2068,
0.2295

■ 31.7527, 0.1970,
0.2133

■ 28.0759, 0.1894,
0.1974

■ 25.5037, 0.1848,
0.1851

Harmonies

Analogous

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



76.3865, 0.2941, 0.3235



76.3865, 0.2940, 0.3161



76.3865, 0.2988, 0.3123

Triad

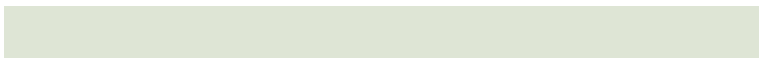
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.3865, 0.2940, 0.3161



76.3865, 0.3265, 0.3253



76.3865, 0.3178, 0.3458

Complementary

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



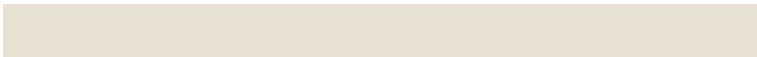
76.3865, 0.2940, 0.3161



76.7597, 0.3329, 0.3416

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.



76.3865, 0.3266, 0.3460



76.3865, 0.2940, 0.3161



76.3865, 0.3317, 0.3340

Square

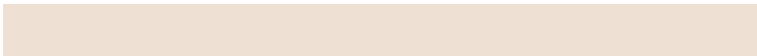
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



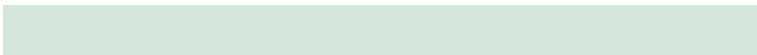
76.3865, 0.2940, 0.3161



76.3865, 0.3175, 0.3176



76.3865, 0.3318, 0.3416



76.3865, 0.3077, 0.3408

Rectangle

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



76.3865, 0.2940, 0.3161



76.3865, 0.3043, 0.3122



76.3865, 0.3318, 0.3416



76.3865, 0.3210, 0.3464

Sweetspot

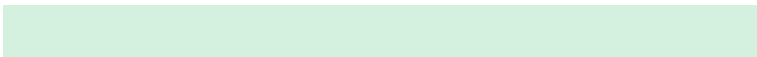
The Sweet Spot groups the original color and five complimentary colors.



76.3897, 0.2940, 0.3161



95.4549, 0.3065, 0.3249



82.2687, 0.3043, 0.3477



20.2522, 0.3054, 0.3241



0.0000, 0.0000, 0.0000



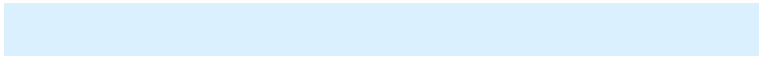
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3897, 0.2940, 0.3161



84.7870, 0.2908, 0.3138



68.8935, 0.2937, 0.3006



16.7695, 0.2980, 0.3190



14.1019, 0.1855, 0.1876



1.3688, 0.1911, 0.2081

Inverse Universe

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



71.4420, 0.3224, 0.3114



78.3851, 0.3242, 0.3084



84.6634, 0.3311, 0.3559



15.9144, 0.3201, 0.3152



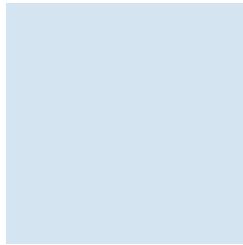
11.2169, 0.4595, 0.2305



0.9529, 0.4362, 0.2177

Previews

White Background



This preview shows how the Yxy color 76.3865, 0.2940, 0.3161 looks on a white background.

Color Contrast Check

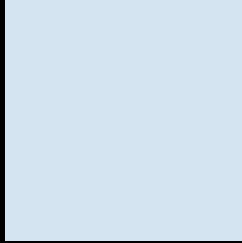
Large Text (above 18pt) WCAG AA × Fail

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 76.3865, 0.2940, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

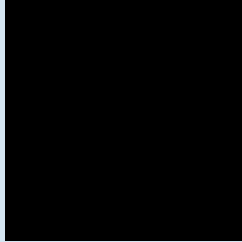
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

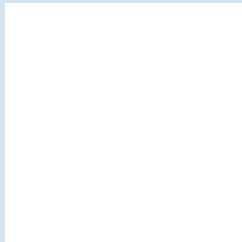
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3865, 0.2940, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 76.3865, 0.2940, 0.3161.

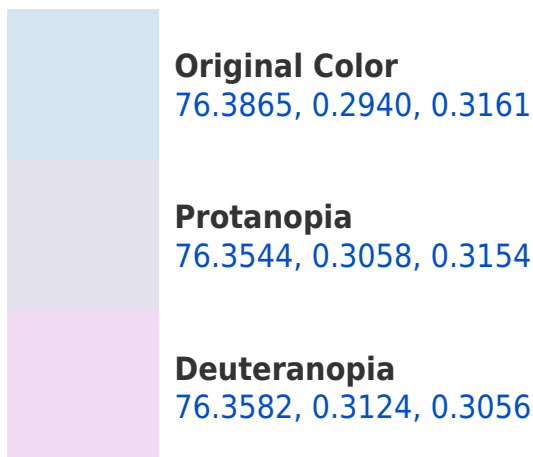


This preview shows how white text looks on a background with the Yxy color 76.3865, 0.2940, 0.3161.

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

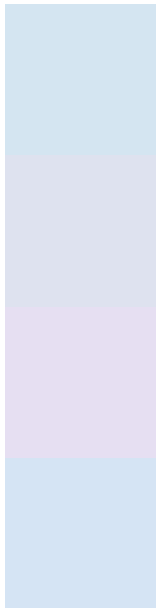




Tritanopia

76.2868, 0.2917, 0.3098

Trichromacy



Original Color

76.3865, 0.2940, 0.3161

Protanomaly

76.1543, 0.3018, 0.3152

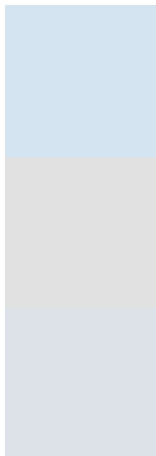
Deuteranomaly

76.0092, 0.3053, 0.3093

Tritanomaly

76.1646, 0.2928, 0.3119

Monochromacy



Original Color

76.3865, 0.2940, 0.3161

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.3779, 0.3054, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3865, 0.2940, 0.3161 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, 229, 241)` looks like.

```
.text, #text, p{  
    color:rgb(212, 229, 241)  
}
```

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, 229, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 229, 241) }
```

Border

The CSS property to change the border of an element to Yxy 76.3865, 0.2940, 0.3161 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, 229, 241) }
```

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

```
.border{ border-color:rgb(212, 229, 241) }
```

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

Here you see how a box with a 4 pixel rgb(212, 229, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 229, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 229, 241);  
box-shadow:4px 4px 4px 4px rgb(212, 229,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3865, 0.2940, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 229, 241) }
```

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

```
.background{ background-color: rgb(212,  
229, 241) }
```

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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