

Converting Colors

$Yxy(76.3239, 0.2927, 0.3177)$

Have a look what the booklet for
Yxy(76.3239, 0.2927, 0.3177)
contains.

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Color

Yxy(76.4402, 0.2927, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	D1E6F0
RGB	209, 230, 240
RGB Percent	82%, 90%, 94%
CMY	0.1804, 0.0980, 0.0589
CMYK	0.13, 0.04, 0.00, 0.06
HSL	199°, 51%, 88%
HSV	199°, 13%, 94%
XYZ	70.3144, 76.4402, 93.4723
YIQ	224.8610, -15.7260, -1.3420

Conversions

Conversions Part 2

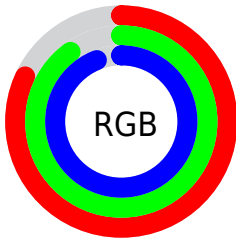
Format	Color
R _{YB}	209, 222, 240
Decimal	13756144
CIE Lab	90.06, -4.96, -7.21
CIE LCh	90, 8.754, 235.479
Yxy	76.4402, 0.2927, 0.3182
Android (android.graphics.Color)	4291946224 (0xFFD1E6F0)
YUV	224.8610, 7.4635, -13.9101
Hunter-Lab	87.4301, -9.4465, -2.1864

Details

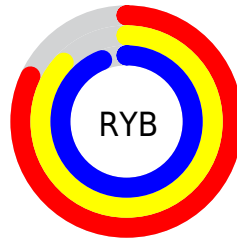
The Yxy color **76.4402, 0.2927, 0.3182** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7680, 0.3349, 0.3396**, and the grayscale version is **75.1438, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.9907, 0.2879, 0.3163** is the 20% darker color. If you saturate the color by 10%, you get **68.9995, 0.2772, 0.3089**, and if you desaturate by 10%, it is **84.6049, 0.3082, 0.3267**.

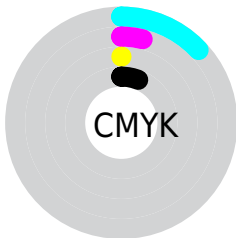
Distribution



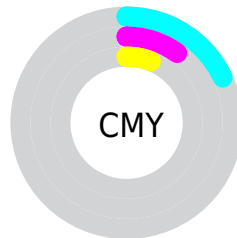
- Red (82%)
- Green (90%)
- Blue (94%)



- Red (82%)
- Yellow (87%)
- Blue (94%)



- Cyan (13%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (18%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.4402, 0.2927, 0.3182 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 76.4402, 0.2927, 0.3182 by changing the saturation by 10% instead.

■ 76.4402, 0.2927,
0.3182

■ 76.4402, 0.2927,
0.3182

482.8533, 0.3018,
0.3232

■ 56.7935, 0.2906,
0.3170

128.3490, 0.2958,
0.3199

■ 40.8395, 0.2881,
0.3156

161.3799, 0.2971,
0.3206

■ 28.1937, 0.2849,
0.3138

199.6410, 0.2981,
0.3212

■ 18.4717, 0.2808,
0.3115

243.5166, 0.2991,
0.3217

■ 11.2892, 0.2753,
0.3082

293.3913, 0.2999,
0.3222

■ 6.2617, 0.2674,
0.3036

349.6494, 0.3006,

■ 3.0049, 0.2555,

0.3226

0.2962

412.6752, 0.3013,
0.3229

■ 1.1343, 0.2350,
0.2831

■ 0.0070, 0.0000,
0.0135

■ 76.4402, 0.2927,
0.3182

■ 76.4402, 0.2927,
0.3182

■ 68.9995, 0.2772,
0.3089

■ 84.6049, 0.3082,
0.3267

■ 62.2473, 0.2620,
0.2987

■ 93.1299, 0.3222,
0.3343

■ 56.1591, 0.2475,
0.2877

■ 97.9115, 0.3216,
0.3417

■ 50.7047, 0.2341,
0.2761

■ 99.0703, 0.3215,
0.3434

■ 45.8515, 0.2221,
0.2640

■ 41.5627, 0.2118,
0.2517

■ 37.7965, 0.2036,
0.2392

■ 34.5027, 0.1974,
0.2270

■ 32.4022, 0.1940,
0.2184

Harmonies

Analogous

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



76.4402, 0.2948, 0.3268



76.4402, 0.2927, 0.3182



76.4402, 0.2958, 0.3127

Triad

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



76.4402, 0.2927, 0.3182



76.4402, 0.3238, 0.3218



76.4402, 0.3218, 0.3471

Complementary

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



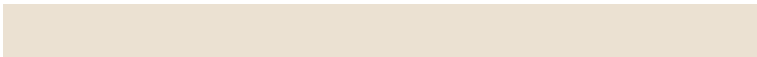
76.4402, 0.2927, 0.3182



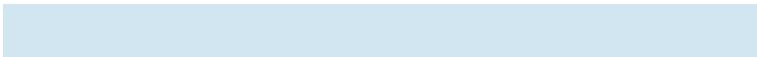
73.7680, 0.3349, 0.3396

Split Complementary

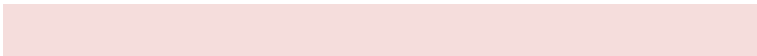
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4402, 0.3298, 0.3454



76.4402, 0.2927, 0.3182



76.4402, 0.3309, 0.3307

Square

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



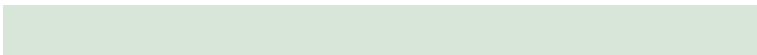
76.4402, 0.2927, 0.3182



76.4402, 0.3137, 0.3149



76.4402, 0.3332, 0.3394



76.4402, 0.3115, 0.3438

Rectangle

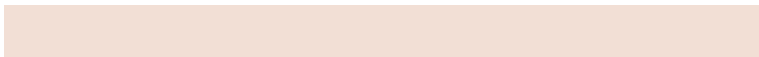
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4402, 0.2927, 0.3182



76.4402, 0.3005, 0.3114



76.4402, 0.3332, 0.3394



76.4402, 0.3249, 0.3471

Sweetspot

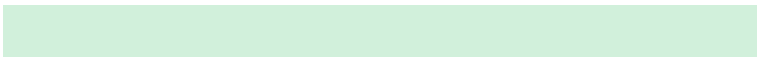
The Sweet Spot groups the original color and five complimentary colors.



76.4434, 0.2927, 0.3182



96.0404, 0.3065, 0.3258



80.9681, 0.3053, 0.3521



20.4005, 0.3054, 0.3252



0.0000, 0.0000, 0.0000



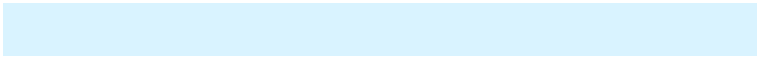
21.4041, 0.3127, 0.3290

Same Dimension

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



76.4434, 0.2927, 0.3182



85.8510, 0.2894, 0.3163



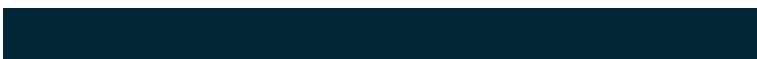
68.2773, 0.2923, 0.3013



17.0215, 0.2981, 0.3212



17.9914, 0.1946, 0.2204



1.6759, 0.1990, 0.2364

Inverse Universe

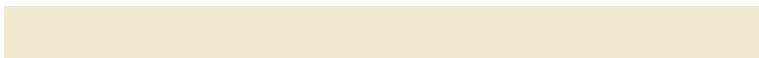
The Inverse Universe completely reimagines the original color for something new.



69.8313, 0.3211, 0.3072



77.2094, 0.3227, 0.3034



82.1423, 0.3328, 0.3553



15.9398, 0.3187, 0.3131



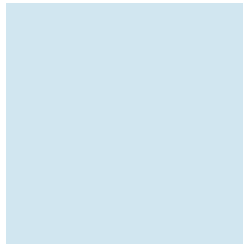
11.6096, 0.4228, 0.2103



0.9839, 0.4060, 0.2010

Previews

White Background



This preview shows how the Yxy color 76.4402, 0.2927, 0.3182 looks on a white background.

Color Contrast Check

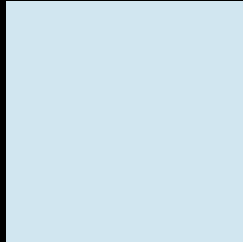
Large Text (above 18pt) WCAG AA × Fail

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 76.4402, 0.2927, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

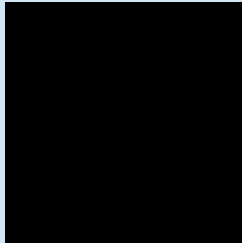
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

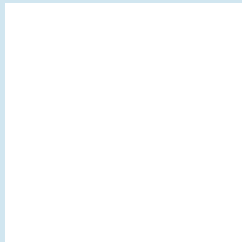
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.4402, 0.2927, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 76.4402, 0.2927, 0.3182.

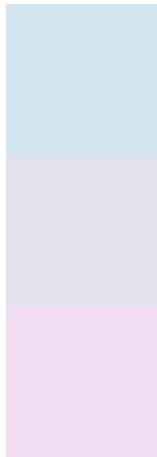


This preview shows how white text looks on a background with the Yxy color 76.4402, 0.2927, 0.3182.

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

76.4402, 0.2927, 0.3182

Protanopia

76.2957, 0.3064, 0.3164

Deuteranopia

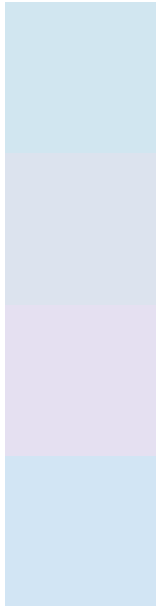
76.2980, 0.3131, 0.3066



Tritanopia

76.4557, 0.2892, 0.3097

Trichromacy



Original Color

76.4402, 0.2927, 0.3182

Protanomaly

76.3269, 0.3010, 0.3173

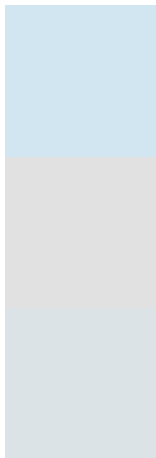
Deuteranomaly

76.3202, 0.3053, 0.3113

Tritanomaly

76.2719, 0.2910, 0.3129

Monochromacy



Original Color

76.4402, 0.2927, 0.3182

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.7114, 0.3053, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.4402, 0.2927, 0.3182 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(209, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(209, 230, 240)  
}
```

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(209, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 230, 240) }
```

Border

The CSS property to change the border of an element to Yxy 76.4402, 0.2927, 0.3182 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(209, 230, 240) }
```

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

```
.border{ border-color:rgb(209, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(209, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(209, 230,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 76.4402, 0.2927, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 230, 240) }
```

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

```
.background{ background-color: rgb(209,  
230, 240) }
```

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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