

Converting Colors

$Yxy(76.1511, 0.2921, 0.3150)$

Have a look what the booklet for
Yxy(76.1511, 0.2921, 0.3150)
contains.

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Color

Yxy(76.1511, 0.2921, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	D2E5F2
RGB	210, 229, 242
RGB Percent	82%, 90%, 95%
CMY	0.1766, 0.1019, 0.0510
CMYK	0.13, 0.05, 0.00, 0.05
HSL	204°, 55%, 89%
HSV	204°, 13%, 95%
XYZ	70.6150, 76.1511, 94.9834
YIQ	224.8010, -15.4970, 0.0150

Conversions

Conversions Part 2

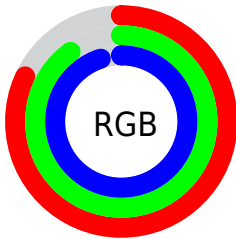
Format	Color
R _{YB}	210, 222, 242
Decimal	13821426
CIE Lab	89.93, -3.74, -8.46
CIE LCh	90, 9.252, 246.154
Yxy	76.1511, 0.2921, 0.3150
Android (android.graphics.Color)	4292011506 (0xFFD2E5F2)
YUV	224.8010, 8.4791, -12.9805
Hunter-Lab	87.2646, -8.2698, -3.4491

Details

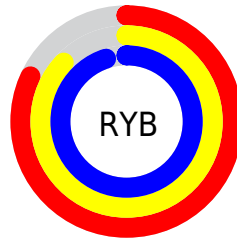
The Yxy color **76.1511, 0.2921, 0.3150** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.2733, 0.3352, 0.3426**, and the grayscale version is **75.0881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.7858, 0.2871, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **67.5925, 0.2762, 0.3031**, and if you desaturate by 10%, it is **85.5597, 0.3077, 0.3258**.

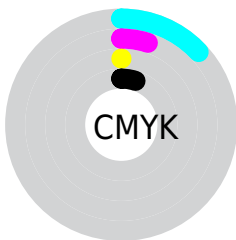
Distribution



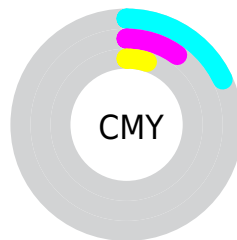
- Red (82%)
- Green (90%)
- Blue (95%)



- Red (82%)
- Yellow (87%)
- Blue (95%)



- Cyan (13%)
- Magenta (5%)
- Yellow (0%)
- Black (5%)



- Cyan (18%)
- Magenta (10%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.1511, 0.2921, 0.3150 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 76.1511, 0.2921, 0.3150 by changing the saturation by 10% instead.

■ 76.1511, 0.2921,
0.3150

■ 76.1511, 0.2921,
0.3150

481.8648, 0.3015,
0.3215

■ 56.5564, 0.2900,
0.3135

127.9405, 0.2953,
0.3172

■ 40.6492, 0.2874,
0.3117

160.9040, 0.2966,
0.3181

■ 28.0451, 0.2841,
0.3094

199.0925, 0.2977,
0.3189

■ 18.3596, 0.2799,
0.3064

242.8905, 0.2987,
0.3195

■ 11.2085, 0.2741,
0.3023

292.6823, 0.2995,
0.3201

■ 6.2073, 0.2660,
0.2964

348.8524, 0.3002,

■ 2.9715, 0.2537,

0.3206

0.2872

411.7851, 0.3009,
0.3211

■ 1.1169, 0.2326,
0.2710

■ 0.0000, 0.0000,
0.0000

■ 76.1511, 0.2921,
0.3150

■ 76.1511, 0.2921,
0.3150

■ 67.5925, 0.2762,
0.3031

■ 85.5597, 0.3077,
0.3258

■ 59.8454, 0.2605,
0.2901

■ 95.1941, 0.3207,
0.3354

■ 52.8818, 0.2451,
0.2760

■ 99.1911, 0.3203,
0.3415

■ 46.6685, 0.2307,
0.2611

■ 41.1689, 0.2175,
0.2455

■ 36.3428, 0.2060,
0.2297

■ 32.1440, 0.1966,
0.2138

■ 28.5179, 0.1894,
0.1983

■ 26.3392, 0.1856,
0.1881

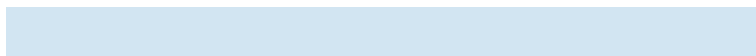
Harmonies

Analogous

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



76.1511, 0.2924, 0.3232



76.1511, 0.2921, 0.3150



76.1511, 0.2972, 0.3107

Triad

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



76.1511, 0.2921, 0.3150



76.1511, 0.3276, 0.3246



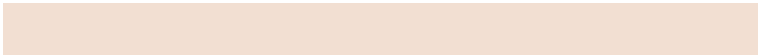
76.1511, 0.3186, 0.3475

Complementary

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



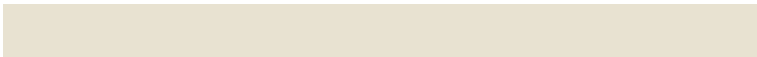
76.1511, 0.2921, 0.3150



76.2733, 0.3352, 0.3426

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.



76.1511, 0.3282, 0.3476



76.1511, 0.2921, 0.3150



76.1511, 0.3335, 0.3342

Square

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



76.1511, 0.2921, 0.3150



76.1511, 0.3177, 0.3163



76.1511, 0.3338, 0.3427



76.1511, 0.3075, 0.3422

Rectangle

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



76.1511, 0.2921, 0.3150



76.1511, 0.3031, 0.3105



76.1511, 0.3338, 0.3427



76.1511, 0.3221, 0.3482

Sweetspot

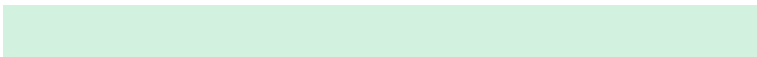
The Sweet Spot groups the original color and five complimentary colors.



76.1543, 0.2921, 0.3150



95.5077, 0.3065, 0.3250



82.5174, 0.3035, 0.3498



20.2655, 0.3054, 0.3242



0.0000, 0.0000, 0.0000



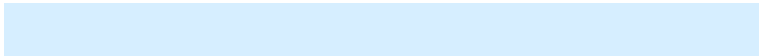
21.4041, 0.3127, 0.3290

Same Dimension

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



76.1543, 0.2921, 0.3150



82.9676, 0.2877, 0.3118



67.7751, 0.2916, 0.2975



16.7921, 0.2980, 0.3192



14.4243, 0.1863, 0.1906



1.3947, 0.1919, 0.2106

Inverse Universe

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



70.6071, 0.3233, 0.3093



75.6550, 0.3259, 0.3050



85.1445, 0.3330, 0.3586



15.9167, 0.3200, 0.3150



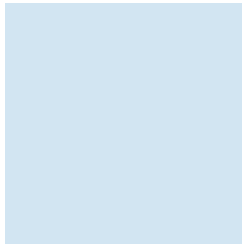
11.2495, 0.4561, 0.2286



0.9555, 0.4334, 0.2161

Previews

White Background



This preview shows how the Yxy color 76.1511, 0.2921, 0.3150 looks on a white background.

Color Contrast Check

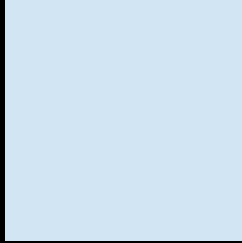
Large Text (above 18pt) WCAG AA × Fail

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 76.1511, 0.2921, 0.3150 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

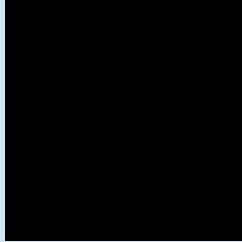
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

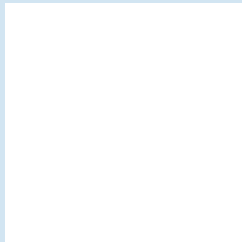
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.1511, 0.2921, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 76.1511, 0.2921, 0.3150.

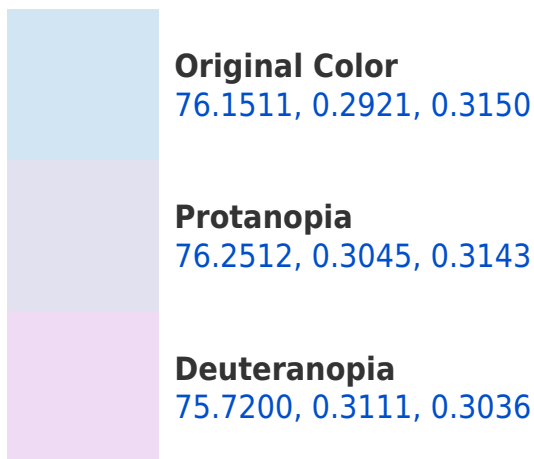


This preview shows how white text looks on a background with the Yxy color 76.1511, 0.2921, 0.3150.

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

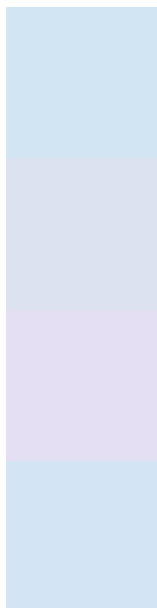




Tritanopia

75.9895, 0.2904, 0.3097

Trichromacy



Original Color

76.1511, 0.2921, 0.3150

Protanomaly

75.8996, 0.2998, 0.3141

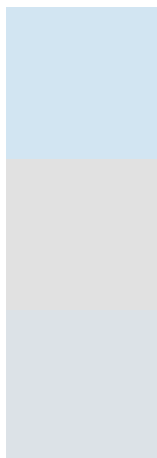
Deuteranomaly

75.9044, 0.3040, 0.3082

Tritanomaly

75.9283, 0.2910, 0.3108

Monochromacy



Original Color

76.1511, 0.2921, 0.3150

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 76.1511, 0.2921, 0.3150 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(210, 229, 242)` looks like.

```
.text, #text, p{  
    color:rgb(210, 229, 242)  
}
```

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(210, 229, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 229, 242) }
```

Border

The CSS property to change the border of an element to Yxy 76.1511, 0.2921, 0.3150 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(210, 229, 242) }
```

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

```
.border{ border-color:rgb(210, 229, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 229, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 229, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 229, 242);  
box-shadow:4px 4px 4px 4px rgb(210, 229,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1511, 0.2921, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 229, 242) }
```

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

```
.background{ background-color: rgb(210,  
229, 242) }
```

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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