

Converting Colors

$Yxy(78.0074, 0.2905, 0.3151)$

Have a look what the booklet for
Yxy(78.0074, 0.2905, 0.3151)
contains.

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Color

Yxy(78.0074, 0.2905, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	D2E8F5
RGB	210, 232, 245
RGB Percent	82%, 91%, 96%
CMY	0.1764, 0.0902, 0.0393
CMYK	0.14, 0.05, 0.00, 0.04
HSL	202°, 64%, 89%
HSV	202°, 14%, 96%
XYZ	71.9173, 78.0074, 97.6392
YIQ	226.9040, -17.2850, -0.6210

Conversions

Conversions Part 2

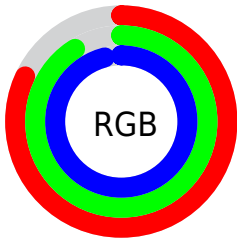
Format	Color
R _Y B	210, 224, 245
Decimal	13822197
CIE Lab	90.78, -4.65, -8.76
CIE LCh	91, 9.915, 242.006
Yxy	78.0074, 0.2905, 0.3151
Android (android.graphics.Color)	4292012277 (0xFFD2E8F5)
YUV	226.9040, 8.9213, -14.8248
Hunter-Lab	88.3218, -9.2169, -3.7195

Details

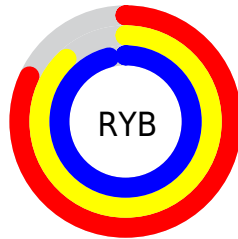
The Yxy color **78.0074, 0.2905, 0.3151** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **76.8381, 0.3373, 0.3425**, and the grayscale version is **76.6890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.6934, 0.2851, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **69.6968, 0.2748, 0.3041**, and if you desaturate by 10%, it is **87.1399, 0.3061, 0.3251**.

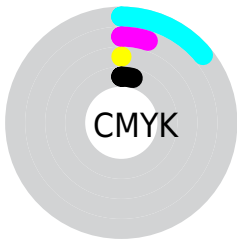
Distribution



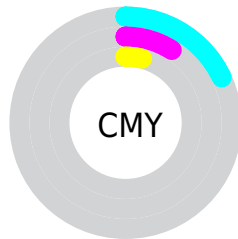
- Red (82%)
- Green (91%)
- Blue (96%)



- Red (82%)
- Yellow (88%)
- Blue (96%)



- Cyan (14%)
- Magenta (5%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.0074, 0.2905, 0.3151 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 78.0074, 0.2905, 0.3151 by changing the saturation by 10% instead.

■ 78.0074, 0.2905,
0.3151

■ 78.0074, 0.2905,
0.3151

488.1920, 0.3006,
0.3215

■ 58.0801, 0.2882,
0.3136

130.5606, 0.2940,
0.3173

■ 41.8730, 0.2855,
0.3118

163.9552, 0.2953,
0.3182

■ 29.0019, 0.2820,
0.3096

202.6076, 0.2965,
0.3189

■ 19.0822, 0.2775,
0.3066

246.9024, 0.2975,
0.3196

■ 11.7297, 0.2715,
0.3026

297.2238, 0.2984,
0.3202

■ 6.5599, 0.2630,
0.2968

353.9563, 0.2992,

■ 3.1884, 0.2502,

0.3207

0.2878

417.4842, 0.2999,
0.3211

■ 1.2309, 0.2287,
0.2723

■ 0.0867, 0.0000,
0.1093

■ 78.0074, 0.2905,
0.3151

■ 78.0074, 0.2905,
0.3151

■ 69.6968, 0.2748,
0.3041

■ 87.1399, 0.3061,
0.3251

■ 62.1694, 0.2593,
0.2921

■ 96.3427, 0.3188,
0.3340

■ 55.3976, 0.2444,
0.2792

■ 99.3716, 0.3185,
0.3386

■ 49.3481, 0.2304,
0.2656

■ 43.9841, 0.2179,
0.2514

■ 39.2651, 0.2072,
0.2369

■ 35.1443, 0.1985,
0.2224

■ 31.5655, 0.1920,
0.2082

■ 29.7147, 0.1890,
0.2003

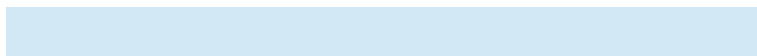
Harmonies

Analogous

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



78.0074, 0.2916, 0.3242



78.0074, 0.2905, 0.3151



78.0074, 0.2952, 0.3099

Triad

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



78.0074, 0.2905, 0.3151



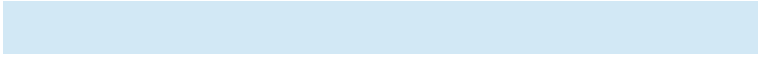
78.0074, 0.3273, 0.3230



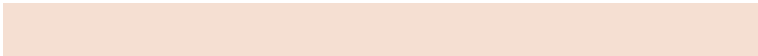
78.0074, 0.3206, 0.3491

Complementary

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



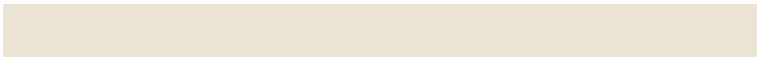
78.0074, 0.2905, 0.3151



76.8381, 0.3373, 0.3425

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.



78.0074, 0.3304, 0.3484



78.0074, 0.2905, 0.3151



78.0074, 0.3343, 0.3331

Square

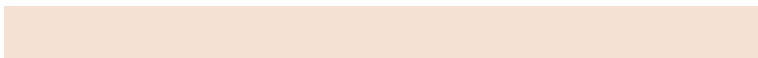
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.0074, 0.2905, 0.3151



78.0074, 0.3163, 0.3145



78.0074, 0.3354, 0.3424



78.0074, 0.3088, 0.3442

Rectangle

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



78.0074, 0.2905, 0.3151



78.0074, 0.3011, 0.3092



78.0074, 0.3354, 0.3424



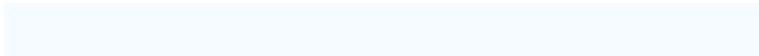
78.0074, 0.3242, 0.3495

Sweetspot

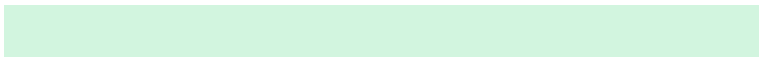
The Sweet Spot groups the original color and five complimentary colors.



78.0106, 0.2905, 0.3151



95.7242, 0.3065, 0.3253



84.3186, 0.3035, 0.3528



20.3204, 0.3054, 0.3246



0.0000, 0.0000, 0.0000



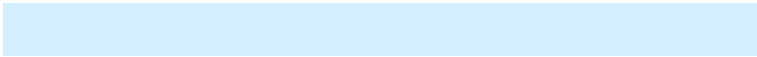
21.4041, 0.3127, 0.3290

Same Dimension

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



78.0106, 0.2905, 0.3151



82.8434, 0.2862, 0.3122



68.7332, 0.2899, 0.2961



17.6633, 0.2980, 0.3200



16.2842, 0.1896, 0.2025



1.6276, 0.1945, 0.2201

Inverse Universe

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



71.3375, 0.3234, 0.3065



74.3986, 0.3258, 0.3020



86.5738, 0.3348, 0.3599



16.6578, 0.3195, 0.3142



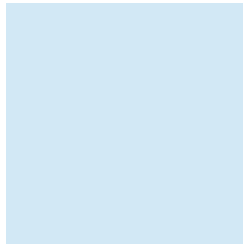
11.7433, 0.4424, 0.2211



1.0519, 0.4231, 0.2104

Previews

White Background



This preview shows how the Yxy color 78.0074, 0.2905, 0.3151 looks on a white background.

Color Contrast Check

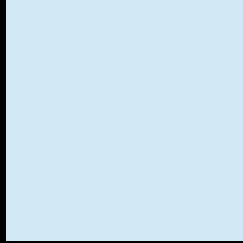
Large Text (above 18pt) WCAG AA × Fail

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 78.0074, 0.2905, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

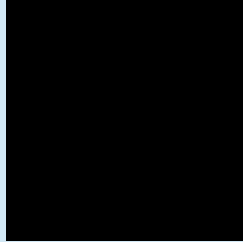
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

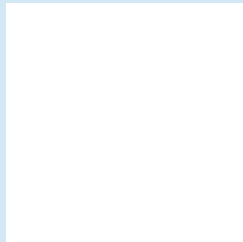
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.0074, 0.2905, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 78.0074, 0.2905, 0.3151.

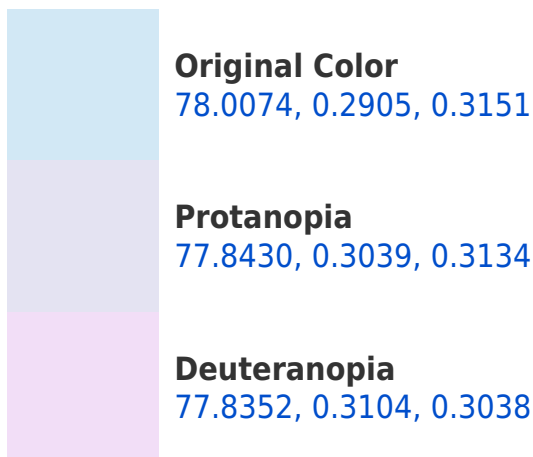


This preview shows how white text looks on a background with the Yxy color 78.0074, 0.2905, 0.3151.

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

77.9028, 0.2882, 0.3088

Trichromacy



Original Color

78.0074, 0.2905, 0.3151

Protanomaly

77.8818, 0.2987, 0.3143

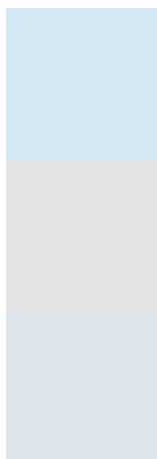
Deuteranomaly

77.8695, 0.3028, 0.3084

Tritanomaly

77.7780, 0.2893, 0.3109

Monochromacy



Original Color

78.0074, 0.2905, 0.3151

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.3513, 0.3042, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.0074, 0.2905, 0.3151 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, 232, 245)` looks like.

```
.text, #text, p{  
    color:rgb(210, 232, 245)  
}
```

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, 232, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 232, 245) }
```

Border

The CSS property to change the border of an element to Yxy 78.0074, 0.2905, 0.3151 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, 232, 245) }
```

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

```
.border{ border-color:rgb(210, 232, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 232, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 232, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 232, 245);  
box-shadow:4px 4px 4px 4px rgb(210, 232,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 78.0074, 0.2905, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 232, 245) }
```

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

```
.background{ background-color: rgb(210,  
232, 245) }
```

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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