

Converting Colors

$Yxy(76.5154, 0.2895, 0.3086)$

Have a look what the booklet for
Yxy(76.5154, 0.2895, 0.3086)
contains.

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Color

Yxy(76.6648, 0.2893, 0.3087)

Conversions

Conversions Part 1

Format	Color
Hex	D3E5F8
RGB	211, 229, 248
RGB Percent	83%, 90%, 97%
CMY	0.1722, 0.1020, 0.0274
CMYK	0.15, 0.08, 0.00, 0.03
HSL	211°, 73%, 90%
HSV	211°, 15%, 97%
XYZ	71.8469, 76.6648, 99.8356
YIQ	225.7840, -16.8270, 2.0930

Conversions

Conversions Part 2

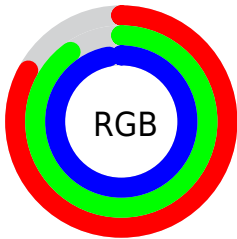
Format	Color
R _Y B	211, 223, 248
Decimal	13886968
CIE Lab	90.17, -2.15, -11.25
CIE LCh	90, 11.456, 259.199
Yxy	76.6648, 0.2893, 0.3087
Android (android.graphics.Color)	4292077048 (0xFFD3E5F8)
YUV	225.7840, 10.9525, -12.9656
Hunter-Lab	87.5584, -6.7575, -6.3125

Details

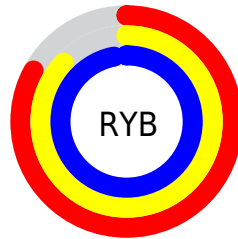
The Yxy color **76.6648, 0.2893, 0.3087** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.3330, 0.3377, 0.3485**, and the grayscale version is **75.8295, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1458, 0.2835, 0.3041** is the 20% darker color. If you saturate the color by 10%, you get **66.4645, 0.2729, 0.2931**, and if you desaturate by 10%, it is **87.9579, 0.3052, 0.3227**.

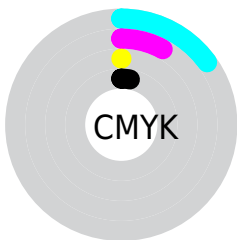
Distribution



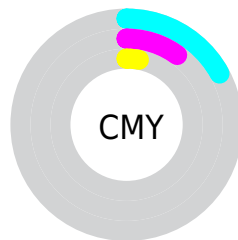
- Red (83%)
- Green (90%)
- Blue (97%)



- Red (83%)
- Yellow (87%)
- Blue (97%)



- Cyan (15%)
- Magenta (8%)
- Yellow (0%)
- Black (3%)



- Cyan (17%)
- Magenta (10%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6648, 0.2893, 0.3087 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 76.6648, 0.2893, 0.3087 by changing the saturation by 10% instead.

■ 76.6648, 0.2893,
0.3087

■ 76.6648, 0.2893,
0.3087

483.6204, 0.3000,
0.3180

■ 56.9778, 0.2869,
0.3066

128.6662, 0.2930,
0.3119

■ 40.9874, 0.2840,
0.3040

161.7494, 0.2944,
0.3132

■ 28.3093, 0.2803,
0.3007

200.0668, 0.2957,
0.3143

■ 18.5589, 0.2755,
0.2965

244.0028, 0.2967,
0.3152

■ 11.3520, 0.2690,
0.2907

293.9417, 0.2977,
0.3160

■ 6.3041, 0.2600,
0.2826

350.2680, 0.2985,

■ 3.0309, 0.2462,

0.3168

0.2701

413.3661, 0.2993,
0.3174

■ 1.1479, 0.2231,
0.2487

■ 0.0185, 0.0000,
0.0224

■ 76.6648, 0.2893,
0.3087

■ 76.6648, 0.2893,
0.3087

■ 66.4645, 0.2729,
0.2931

■ 87.9579, 0.3052,
0.3227

■ 57.3104, 0.2562,
0.2761

■ 99.2741, 0.3168,
0.3352

■ 49.1665, 0.2398,
0.2576

■ 99.5587, 0.3167,
0.3357

■ 41.9903, 0.2240,
0.2381

■ 35.7361, 0.2094,
0.2179

■ 30.3532, 0.1967,
0.1975

■ 25.7839, 0.1862,
0.1776

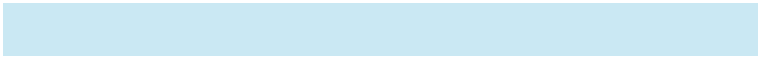
■ 21.9603, 0.1782,
0.1587

■ 20.2499, 0.1749,
0.1495

Harmonies

Analogous

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



76.6648, 0.2867, 0.3169



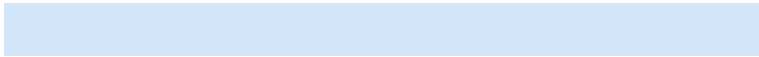
76.6648, 0.2893, 0.3087



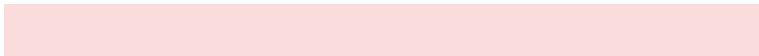
76.6648, 0.2981, 0.3060

Triad

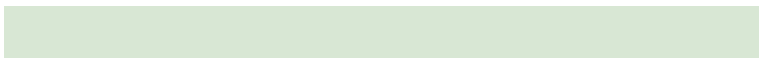
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6648, 0.2893, 0.3087



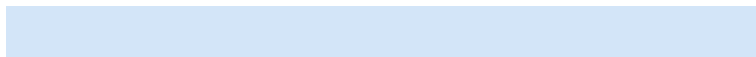
76.6648, 0.3351, 0.3287



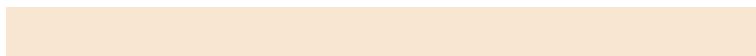
76.6648, 0.3140, 0.3499

Complementary

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



76.6648, 0.2893, 0.3087



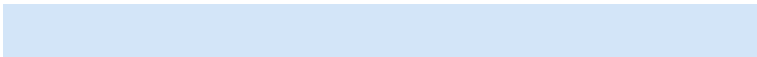
81.3330, 0.3377, 0.3485

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.



76.6648, 0.3271, 0.3528



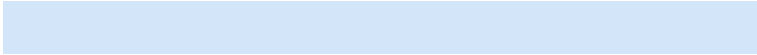
76.6648, 0.2893, 0.3087



76.6648, 0.3395, 0.3402

Square

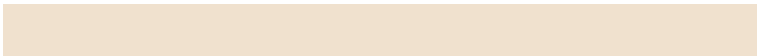
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6648, 0.2893, 0.3087



76.6648, 0.3246, 0.3175



76.6648, 0.3366, 0.3492



76.6648, 0.3007, 0.3409

Rectangle

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



76.6648, 0.2893, 0.3087



76.6648, 0.3064, 0.3076



76.6648, 0.3366, 0.3492



76.6648, 0.3186, 0.3516

Sweetspot

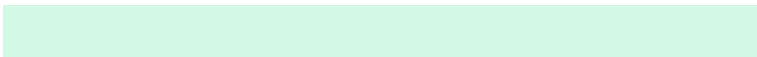
The Sweet Spot groups the original color and five complimentary colors.



76.6680, 0.2893, 0.3087



94.8072, 0.3066, 0.3239



86.6987, 0.3003, 0.3486



20.0882, 0.3054, 0.3229



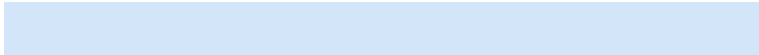
0.0000, 0.0000, 0.0000



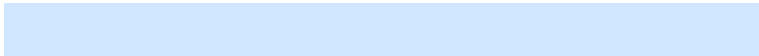
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6680, 0.2893, 0.3087



78.1305, 0.2842, 0.3040



67.2711, 0.2886, 0.2891



18.0310, 0.2980, 0.3165



11.2150, 0.1757, 0.1524



1.2500, 0.1818, 0.1744

Inverse Universe

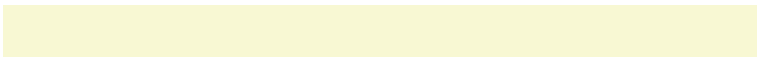
The Inverse Universe completely reimagines the original color for something new.



72.2476, 0.3277, 0.3108



72.6986, 0.3314, 0.3068



91.8172, 0.3351, 0.3660



17.3653, 0.3218, 0.3176



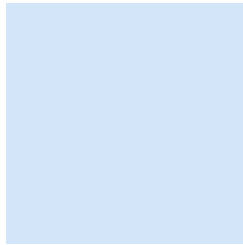
11.5431, 0.5028, 0.2544



1.0904, 0.4753, 0.2392

Previews

White Background



This preview shows how the Yxy color 76.6648, 0.2893, 0.3087 looks on a white background.

Color Contrast Check

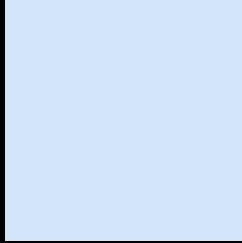
Large Text (above 18pt) WCAG AA × Fail

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 76.6648, 0.2893, 0.3087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

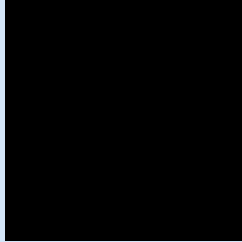
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

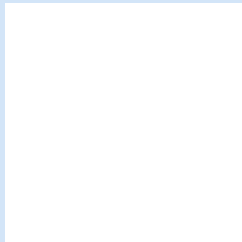
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6648, 0.2893, 0.3087

Background



This preview shows how black text looks on a background with the Yxy color 76.6648, 0.2893, 0.3087.

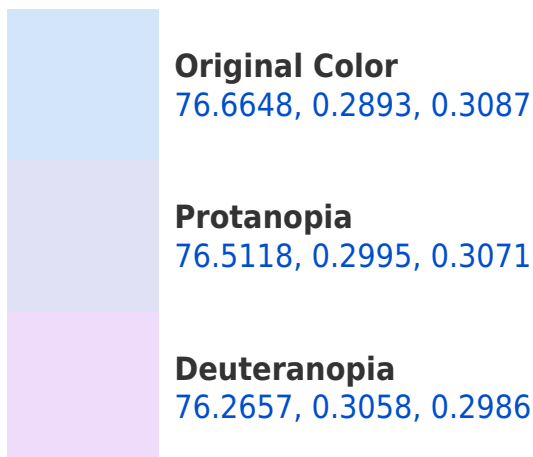


This preview shows how white text looks on a background with the Yxy color 76.6648, 0.2893, 0.3087.

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

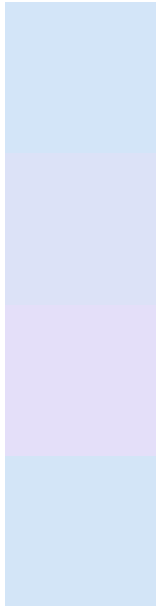




Tritanopia

76.6029, 0.2898, 0.3098

Trichromacy



Original Color

76.6648, 0.2893, 0.3087

Protanomaly

76.3238, 0.2956, 0.3069

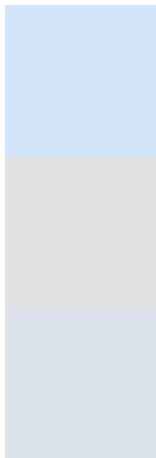
Deuteranomaly

76.1089, 0.2996, 0.3021

Tritanomaly

76.6029, 0.2898, 0.3098

Monochromacy



Original Color

76.6648, 0.2893, 0.3087

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.2508, 0.3042, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6648, 0.2893, 0.3087 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(211, 229, 248)` looks like.

```
.text, #text, p{  
    color:rgb(211, 229, 248)  
}
```

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(211, 229, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 229, 248) }
```

Border

The CSS property to change the border of an element to Yxy 76.6648, 0.2893, 0.3087 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(211, 229, 248) }
```

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

```
.border{ border-color:rgb(211, 229, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 229, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(211, 229, 248); -webkit-box-shadow:4px 4px 4px 4px rgb(211, 229, 248); box-shadow:4px 4px 4px 4px rgb(211, 229, 248) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6648, 0.2893, 0.3087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 229, 248) }
```

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

```
.background{ background-color: rgb(211,  
229, 248) }
```

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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