

Converting Colors

$Yxy(76.6419, 0.2896, 0.3114)$

Have a look what the booklet for
Yxy(76.6419, 0.2896, 0.3114)
contains.

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Color

Yxy(76.9491, 0.2898, 0.3119)

Conversions

Conversions Part 1

Format	Color
Hex	D2E6F6
RGB	210, 230, 246
RGB Percent	82%, 90%, 96%
CMY	0.1767, 0.0980, 0.0353
CMYK	0.15, 0.06, 0.00, 0.04
HSL	207°, 67%, 89%
HSV	207°, 15%, 96%
XYZ	71.4968, 76.9491, 98.2649
YIQ	225.8440, -17.0560, 0.7360

Conversions

Conversions Part 2

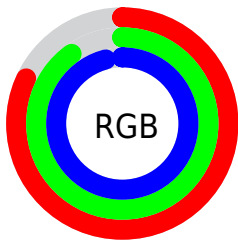
Format	Color
R _Y B	210, 223, 246
Decimal	13821686
CIE Lab	90.30, -3.45, -10.00
CIE LCh	90, 10.582, 250.956
Yxy	76.9491, 0.2898, 0.3119
Android (android.graphics.Color)	4292011766 (0xFFD2E6F6)
YUV	225.8440, 9.9369, -13.8952
Hunter-Lab	87.7206, -8.0245, -5.0124

Details

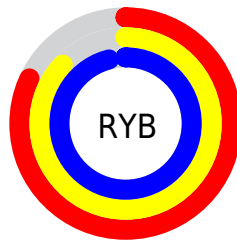
The Yxy color **76.9491, 0.2898, 0.3119** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.5897, 0.3377, 0.3455**, and the grayscale version is **75.8666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.3462, 0.2843, 0.3082** is the 20% darker color. If you saturate the color by 10%, you get **67.7372, 0.2737, 0.2987**, and if you desaturate by 10%, it is **87.1016, 0.3056, 0.3239**.

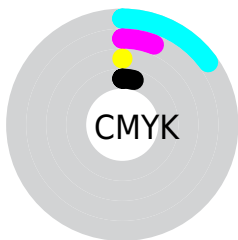
Distribution



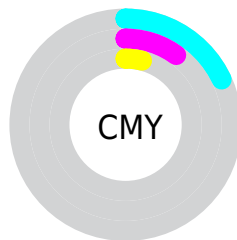
- Red (82%)
- Green (90%)
- Blue (96%)



- Red (82%)
- Yellow (87%)
- Blue (96%)



- Cyan (15%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9491, 0.2898, 0.3119 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 76.9491, 0.2898, 0.3119 by changing the saturation by 10% instead.

■ 76.9491, 0.2898,
0.3119

■ 76.9491, 0.2898,
0.3119

484.5905, 0.3002,
0.3198

■ 57.2111, 0.2875,
0.3101

129.0676, 0.2934,
0.3146

■ 41.1748, 0.2846,
0.3079

162.2169, 0.2948,
0.3157

■ 28.4557, 0.2810,
0.3051

200.6055, 0.2960,
0.3166

■ 18.6694, 0.2763,
0.3015

244.6177, 0.2971,
0.3174

■ 11.4317, 0.2700,
0.2966

294.6379, 0.2980,
0.3181

■ 6.3580, 0.2612,
0.2896

351.0505, 0.2988,

■ 3.0639, 0.2478,

0.3187

0.2787

414.2399, 0.2996,
0.3193

■ 1.1652, 0.2252,
0.2600

■ 0.0330, 0.0000,
0.0430

■ 76.9491, 0.2898,
0.3119

■ 76.9491, 0.2898,
0.3119

■ 67.7372, 0.2737,
0.2987

■ 87.1016, 0.3056,
0.3239

■ 59.4242, 0.2577,
0.2842

■ 97.4209, 0.3181,
0.3346

■ 51.9790, 0.2420,
0.2685

■ 99.4333, 0.3179,
0.3376

■ 45.3648, 0.2272,
0.2520

■ 39.5412, 0.2137,
0.2347

■ 34.4636, 0.2019,
0.2172

■ 30.0809, 0.1923,
0.1999

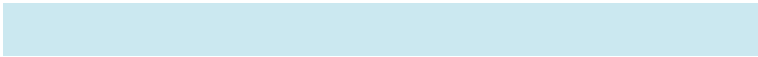
■ 26.3323, 0.1850,
0.1831

■ 24.5436, 0.1818,
0.1744

Harmonies

Analogous

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



76.9491, 0.2891, 0.3206



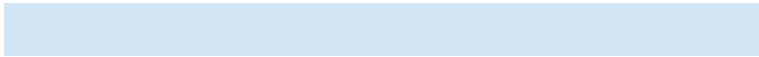
76.9491, 0.2898, 0.3119



76.9491, 0.2965, 0.3079

Triad

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



76.9491, 0.2898, 0.3119



76.9491, 0.3311, 0.3257



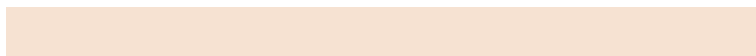
76.9491, 0.3174, 0.3496

Complementary

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



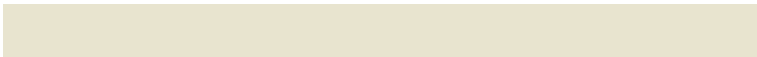
76.9491, 0.2898, 0.3119



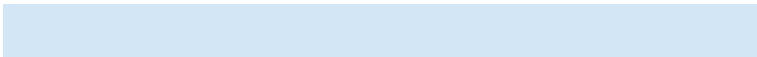
78.5897, 0.3377, 0.3455

Split Complementary

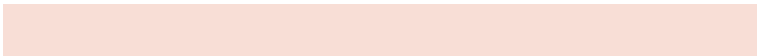
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.9491, 0.3289, 0.3506



76.9491, 0.2898, 0.3119



76.9491, 0.3370, 0.3366

Square

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



76.9491, 0.2898, 0.3119



76.9491, 0.3203, 0.3159



76.9491, 0.3361, 0.3458



76.9491, 0.3049, 0.3427

Rectangle

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



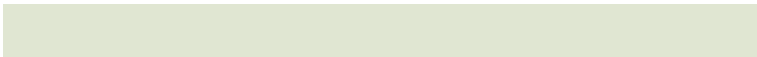
76.9491, 0.2898, 0.3119



76.9491, 0.3036, 0.3083



76.9491, 0.3361, 0.3458



76.9491, 0.3215, 0.3506

Sweetspot

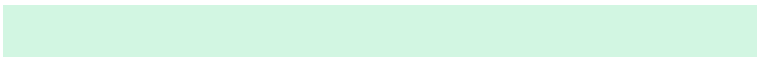
The Sweet Spot groups the original color and five complimentary colors.



76.9523, 0.2898, 0.3119



95.2668, 0.3066, 0.3246



85.0673, 0.3018, 0.3509



20.2045, 0.3054, 0.3237



0.0000, 0.0000, 0.0000



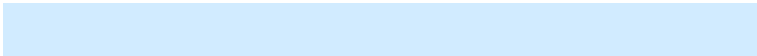
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9523, 0.2898, 0.3119



80.0134, 0.2844, 0.3076



67.6093, 0.2891, 0.2925



17.4575, 0.2980, 0.3182



13.3858, 0.1825, 0.1771



1.3813, 0.1883, 0.1978

Inverse Universe

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



71.3727, 0.3255, 0.3085



72.8887, 0.3290, 0.3035



88.6957, 0.3351, 0.3631



16.6371, 0.3206, 0.3159



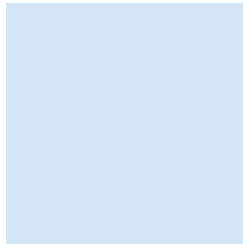
11.4507, 0.4720, 0.2374



1.0271, 0.4478, 0.2241

Previews

White Background



This preview shows how the Yxy color 76.9491, 0.2898, 0.3119 looks on a white background.

Color Contrast Check

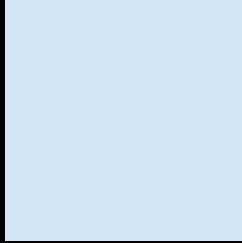
Large Text (above 18pt) WCAG AA × Fail

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 76.9491, 0.2898, 0.3119 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

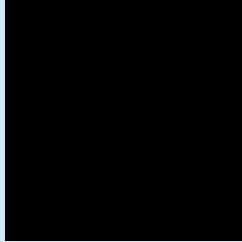
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

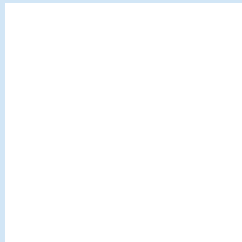
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9491, 0.2898, 0.3119

Background



This preview shows how black text looks on a background with the Yxy color 76.9491, 0.2898, 0.3119.



This preview shows how white text looks on a background with the Yxy color 76.9491, 0.2898, 0.3119.

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

76.9491, 0.2898, 0.3119

Protanopia

76.4902, 0.3020, 0.3102

Deuteranopia

76.8409, 0.3077, 0.3016



Tritanopia

77.0726, 0.2887, 0.3098

Trichromacy



Original Color

76.9491, 0.2898, 0.3119

Protanomaly

76.6855, 0.2974, 0.3111

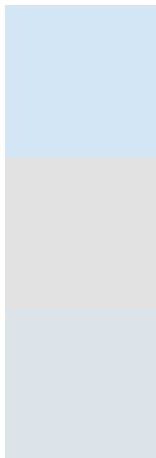
Deuteranomaly

76.5207, 0.3009, 0.3052

Tritanomaly

77.0107, 0.2892, 0.3108

Monochromacy



Original Color

76.9491, 0.2898, 0.3119

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

76.0370, 0.3041, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9491, 0.2898, 0.3119 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, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(210, 230, 246)  
}
```

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, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.9491, 0.2898, 0.3119 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, 230, 246) }
```

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

```
.border{ border-color:rgb(210, 230, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(210, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9491, 0.2898, 0.3119 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 230, 246) }
```

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

```
.background{ background-color: rgb(210,  
230, 246) }
```

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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