

Converting Colors

$Yxy(76.4646, 0.2885, 0.3114)$

Have a look what the booklet for
Yxy(76.4646, 0.2885, 0.3114)
contains.

| | |
|------------------------------------------------|----|
| Yxy(76.6573, 0.2886, 0.3118) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

Yxy(76.6573, 0.2886, 0.3118)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | D0E6F6 |
| RGB | 208, 230, 246 |
| RGB Percent | 82%, 90%, 96% |
| CMY | 0.1841, 0.0981, 0.0353 |
| CMYK | 0.15, 0.07, 0.00, 0.04 |
| HSL | 205°, 68%, 89% |
| HSV | 205°, 15%, 96% |
| XYZ | 70.9535, 76.6573, 98.2433 |
| YIQ | 225.2460, -18.2480, 0.3120 |

Conversions

Conversions Part 2

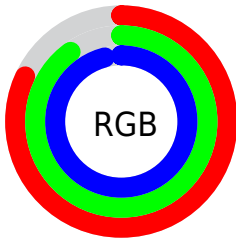
| Format | Color |
|-------------------------------------|--------------------------------|
| R _{YB} | 208, 222, 246 |
| Decimal | 13690614 |
| CIE Lab | 90.16, -4.03, -10.22 |
| CIE LCh | 90, 10.985, 248.491 |
| Yxy | 76.6573, 0.2886, 0.3118 |
| Android (android.graphics.Color) | 4291880694 (0xFFD0E6F6) |
| YUV | 225.2460, 10.2317, -15.1247 |
| Hunter-Lab | 87.5542, -8.5642, -5.2406 |

Details

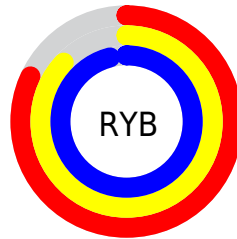
The Yxy color **76.6573, 0.2886, 0.3118** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **77.4910, 0.3393, 0.3456**, and the grayscale version is **75.4233, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **41.1500, 0.2827, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **67.7617, 0.2726, 0.2991**, and if you desaturate by 10%, it is **86.4560, 0.3043, 0.3233**.

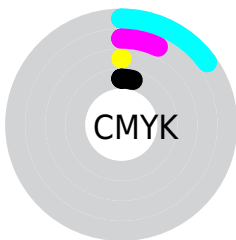
Distribution



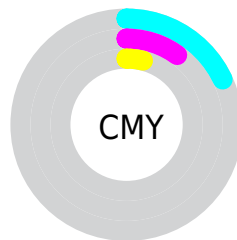
- Red (82%)
- Green (90%)
- Blue (96%)



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



- Cyan (15%)
- Magenta (7%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.6573, 0.2886, 0.3118 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 76.6573, 0.2886, 0.3118 by changing the saturation by 10% instead.

■ 76.6573, 0.2886,
0.3118

■ 76.6573, 0.2886,
0.3118

483.5948, 0.2996,
0.3197

■ 56.9717, 0.2861,
0.3100

128.6556, 0.2924,
0.3146

■ 40.9825, 0.2831,
0.3078

161.7371, 0.2939,
0.3156

■ 28.3054, 0.2793,
0.3049

200.0526, 0.2951,
0.3165

■ 18.5560, 0.2744,
0.3013

243.9865, 0.2962,
0.3173

■ 11.3499, 0.2678,
0.2963

293.9233, 0.2972,
0.3181

■ 6.3027, 0.2585,
0.2892

350.2474, 0.2981,

■ 3.0300, 0.2444,

0.3187

0.2781

413.3431, 0.2989,
0.3192

1.1474, 0.2207,
0.2590

0.0181, 0.0000,
0.0241

76.6573, 0.2886,
0.3118

76.6573, 0.2886,
0.3118

67.7617, 0.2726,
0.2991

86.4560, 0.3043,
0.3233

59.7285, 0.2568,
0.2853

96.7486, 0.3182,
0.3336

52.5273, 0.2414,
0.2704

99.4337, 0.3179,
0.3376

46.1220, 0.2269,
0.2546

■ 40.4731, 0.2138,
0.2382

■ 35.5366, 0.2026,
0.2216

■ 31.2623, 0.1934,
0.2051

■ 27.5893, 0.1865,
0.1891

■ 26.0709, 0.1839,
0.1820

Harmonies

Analogous

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



76.6573, 0.2884, 0.3212



76.6573, 0.2886, 0.3118



76.6573, 0.2951, 0.3072

Triad

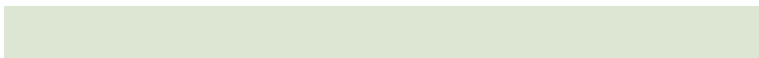
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.6573, 0.2886, 0.3118



76.6573, 0.3311, 0.3247



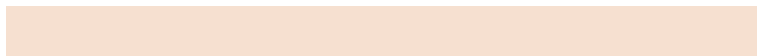
76.6573, 0.3187, 0.3508

Complementary

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



76.6573, 0.2886, 0.3118



77.4910, 0.3393, 0.3456

Split Complementary

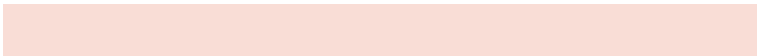
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.6573, 0.3304, 0.3513



76.6573, 0.2886, 0.3118



76.6573, 0.3377, 0.3360

Square

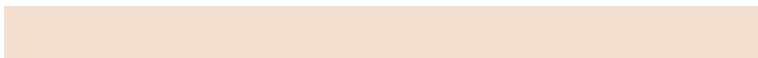
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.6573, 0.2886, 0.3118



76.6573, 0.3196, 0.3147



76.6573, 0.3374, 0.3458



76.6573, 0.3056, 0.3440

Rectangle

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



76.6573, 0.2886, 0.3118



76.6573, 0.3023, 0.3073



76.6573, 0.3374, 0.3458



76.6573, 0.3229, 0.3517

Sweetspot

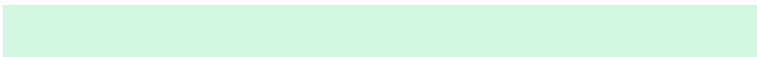
The Sweet Spot groups the original color and five complimentary colors.



76.6605, 0.2886, 0.3118



94.2781, 0.3050, 0.3237



84.7024, 0.3016, 0.3528



20.0116, 0.3039, 0.3230



0.0000, 0.0000, 0.0000



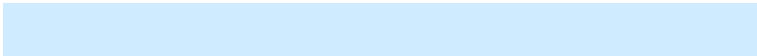
21.4041, 0.3127, 0.3290

Same Dimension

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



76.6605, 0.2886, 0.3118



79.5881, 0.2828, 0.3074



66.7653, 0.2878, 0.2911



17.5183, 0.2980, 0.3188



14.1996, 0.1846, 0.1846



1.4512, 0.1901, 0.2044

Inverse Universe

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



70.4418, 0.3257, 0.3065



71.6409, 0.3293, 0.3010



88.1525, 0.3364, 0.3643



16.6432, 0.3203, 0.3154



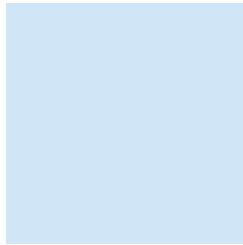
11.5328, 0.4631, 0.2325



1.0341, 0.4403, 0.2199

Previews

White Background



This preview shows how the Yxy color 76.6573, 0.2886, 0.3118 looks on a white background.

Color Contrast Check

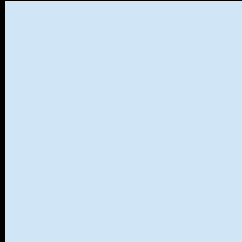
Large Text (above 18pt) WCAG AA × Fail

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 76.6573, 0.2886, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

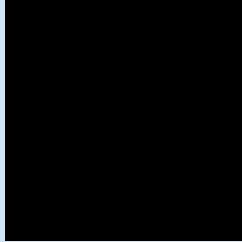
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

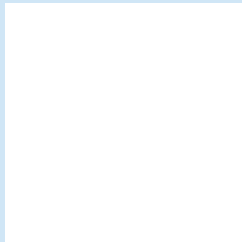
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.6573, 0.2886, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 76.6573, 0.2886, 0.3118.

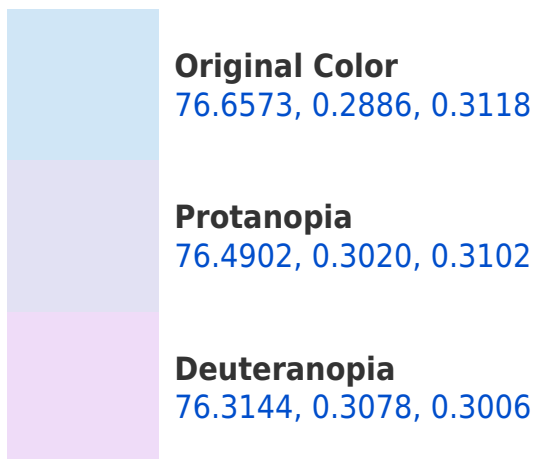


This preview shows how white text looks on a background with the Yxy color 76.6573, 0.2886, 0.3118.

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

76.7808, 0.2874, 0.3097

Trichromacy



Original Color

76.6573, 0.2886, 0.3118

Protanomaly

76.5299, 0.2967, 0.3110

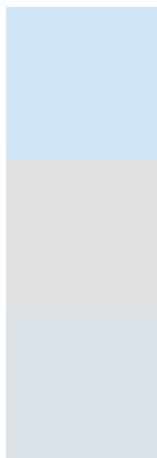
Deuteranomaly

76.5207, 0.3009, 0.3052

Tritanomaly

76.7189, 0.2880, 0.3108

Monochromacy



Original Color

76.6573, 0.2886, 0.3118

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

75.8814, 0.3035, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.6573, 0.2886, 0.3118 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(208, 230, 246)` looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 230, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 230, 246) }
```

Border

The CSS property to change the border of an element to Yxy 76.6573, 0.2886, 0.3118 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(208, 230, 246) }
```

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

```
.border{ border-color:rgb(208, 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(208, 230, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 230, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 230, 246);  
box-shadow:4px 4px 4px 4px rgb(208, 230,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 76.6573, 0.2886, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 230, 246) }
```

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

```
.background{ background-color: rgb(208,  
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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