

Converting Colors

$Yxy(78.4833, 0.3012, 0.3181)$

Have a look what the booklet for
Yxy(78.4833, 0.3012, 0.3181)
contains.

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Color

Yxy(78.4145, 0.3011, 0.3185)

Conversions

Conversions Part 1

Format	Color
Hex	DEE6F0
RGB	222, 230, 240
RGB Percent	87%, 90%, 94%
CMY	0.1297, 0.0979, 0.0589
CMYK	0.08, 0.04, 0.00, 0.06
HSL	213°, 38%, 91%
HSV	213°, 8%, 94%
XYZ	74.1306, 78.4145, 93.6542
YIQ	228.7480, -7.9780, 1.4140

Conversions

Conversions Part 2

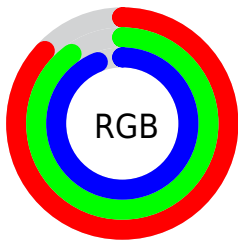
Format	Color
R _{YB}	222, 228, 240
Decimal	14608112
CIE Lab	90.97, -0.83, -5.77
CIE LCh	91, 5.834, 261.857
Yxy	78.4145, 0.3011, 0.3185
Android (android.graphics.Color)	4292798192 (0xFFDEE6F0)
YUV	228.7480, 5.5472, -5.9180
Hunter-Lab	88.5520, -5.5360, -0.7199

Details

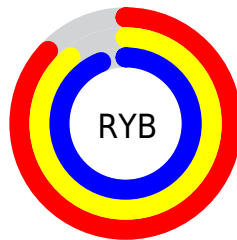
The Yxy color **78.4145, 0.3011, 0.3185** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **81.4422, 0.3247, 0.3393**, and the grayscale version is **78.1167, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.3361, 0.2986, 0.3167** is the 20% darker color. If you saturate the color by 10%, you get **67.8059, 0.2850, 0.3031**, and if you desaturate by 10%, it is **90.1283, 0.3164, 0.3323**.

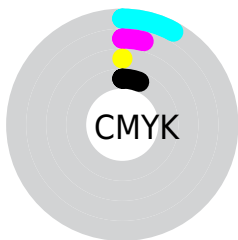
Distribution



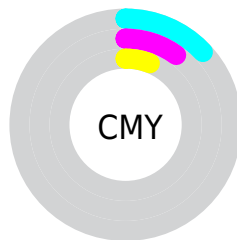
- Red (87%)
- Green (90%)
- Blue (94%)



- Red (87%)
- Yellow (89%)
- Blue (94%)



- Cyan (8%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (13%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.4145, 0.3011, 0.3185 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 78.4145, 0.3011, 0.3185 by changing the saturation by 10% instead.

■ 78.4145, 0.3011,
0.3185

■ 78.4145, 0.3011,
0.3185

489.5734, 0.3064,
0.3233

■ 58.4145, 0.2999,
0.3174

131.1343, 0.3029,
0.3202

■ 42.1420, 0.2984,
0.3161

164.6229, 0.3036,
0.3208

■ 29.2125, 0.2966,
0.3144

203.3765, 0.3043,
0.3214

■ 19.2416, 0.2942,
0.3122

247.7795, 0.3048,
0.3219

■ 11.8450, 0.2910,
0.3093

298.2163, 0.3053,
0.3223

■ 6.6382, 0.2864,
0.3051

355.0713, 0.3057,

■ 3.2369, 0.2795,

0.3227

0.2987

418.7288, 0.3061,
0.3230

■ 1.2566, 0.2675,
0.2876

■ 0.1072, 0.1152,
0.1511

■ 78.4145, 0.3011,
0.3185

■ 78.4145, 0.3011,
0.3185

■ 67.8059, 0.2850,
0.3031

■ 90.1283, 0.3164,
0.3323

■ 58.2575, 0.2683,
0.2860

■ 99.0704, 0.3215,
0.3434

■ 49.7357, 0.2514,
0.2673

■ 42.2009, 0.2347,
0.2472

■ 35.6107, 0.2187,
0.2260

■ 29.9189, 0.2040,
0.2043

■ 25.0744, 0.1913,
0.1828

■ 21.0190, 0.1810,
0.1620

■ 17.6797, 0.1734,
0.1427

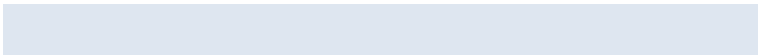
Harmonies

Analogous

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



78.4145, 0.2994, 0.3225



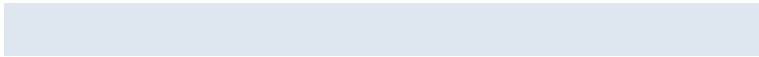
78.4145, 0.3011, 0.3185



78.4145, 0.3059, 0.3173

Triad

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



78.4145, 0.3011, 0.3185



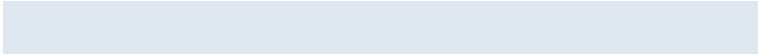
78.4145, 0.3243, 0.3295



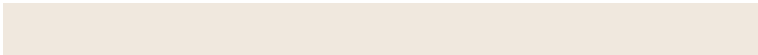
78.4145, 0.3128, 0.3391

Complementary

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



78.4145, 0.3011, 0.3185



81.4422, 0.3247, 0.3393

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.



78.4145, 0.3195, 0.3410



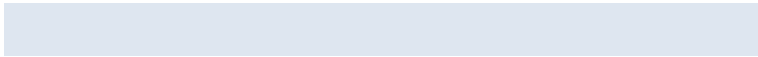
78.4145, 0.3011, 0.3185



78.4145, 0.3262, 0.3353

Square

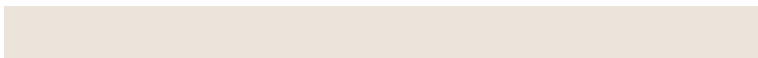
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



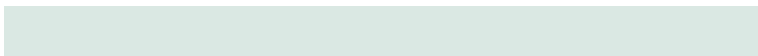
78.4145, 0.3011, 0.3185



78.4145, 0.3193, 0.3236



78.4145, 0.3244, 0.3395



78.4145, 0.3061, 0.3345

Rectangle

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



78.4145, 0.3011, 0.3185



78.4145, 0.3102, 0.3182



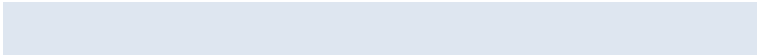
78.4145, 0.3244, 0.3395



78.4145, 0.3151, 0.3401

Sweetspot

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



78.4178, 0.3011, 0.3185



97.2642, 0.3097, 0.3263



83.6484, 0.3059, 0.3375



20.8473, 0.3098, 0.3264



0.0000, 0.0000, 0.0000



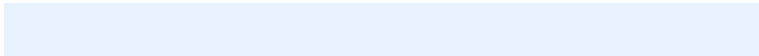
21.4041, 0.3127, 0.3290

Same Dimension

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



78.4178, 0.3011, 0.3185



88.0933, 0.2987, 0.3163



74.1562, 0.3017, 0.3099



16.3961, 0.2980, 0.3156



9.5315, 0.1725, 0.1411



0.9887, 0.1795, 0.1663

Inverse Universe

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



76.4421, 0.3202, 0.3207



85.4329, 0.3218, 0.3190



85.9471, 0.3233, 0.3475



15.8767, 0.3223, 0.3185



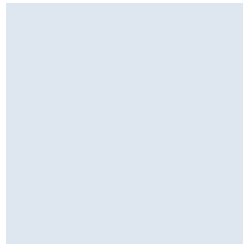
10.7556, 0.5176, 0.2625



0.9145, 0.4852, 0.2447

Previews

White Background



This preview shows how the Yxy color 78.4145, 0.3011, 0.3185 looks on a white background.

Color Contrast Check

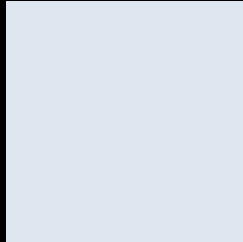
Large Text (above 18pt) WCAG AA × Fail

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 78.4145, 0.3011, 0.3185 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

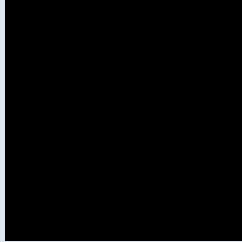
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

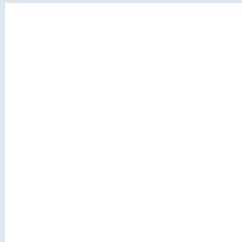
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.4145, 0.3011, 0.3185

Background



This preview shows how black text looks on a background with the Yxy color 78.4145, 0.3011, 0.3185.

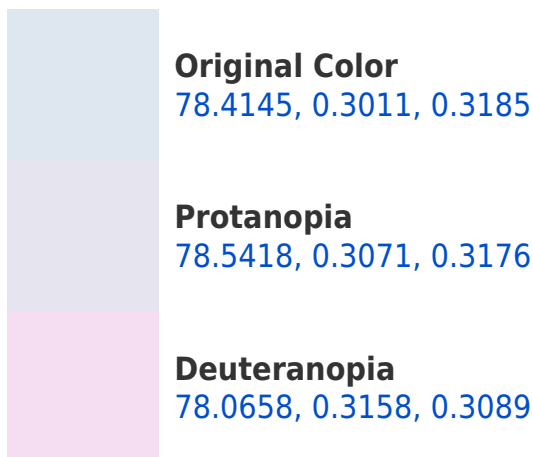


This preview shows how white text looks on a background with the Yxy color 78.4145, 0.3011, 0.3185.

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

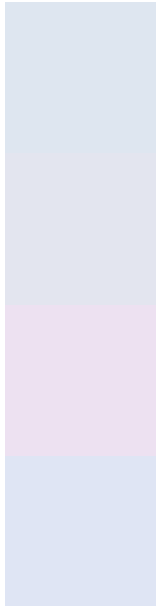




Tritanopia

78.4420, 0.2976, 0.3102

Trichromacy



Original Color

78.4145, 0.3011, 0.3185

Protanomaly

78.6015, 0.3051, 0.3186

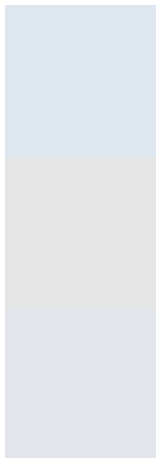
Deuteranomaly

78.2058, 0.3107, 0.3126

Tritanomaly

78.2583, 0.2994, 0.3133

Monochromacy



Original Color

78.4145, 0.3011, 0.3185

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

78.0906, 0.3081, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.4145, 0.3011, 0.3185 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(222, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(222, 230, 240)  
}
```

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(222, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 230, 240) }
```

Border

The CSS property to change the border of an element to Yxy 78.4145, 0.3011, 0.3185 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(222, 230, 240) }
```

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

```
.border{ border-color:rgb(222, 230, 240) }
```

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

Here you see how a box with a 4 pixel rgb(222, 230, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 230, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 230, 240);  
box-shadow:4px 4px 4px 4px rgb(222, 230,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 78.4145, 0.3011, 0.3185 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 230, 240) }
```

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

```
.background{ background-color: rgb(222,  
230, 240) }
```

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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