

Converting Colors

Yxy(78.6666, 0.2917, 0.3143)

Have a look what the booklet for
Yxy(78.6666, 0.2917, 0.3143)
contains.

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Color

Yxy(78.5132, 0.2918, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	D5E8F6
RGB	213, 232, 246
RGB Percent	84%, 91%, 96%
CMY	0.1646, 0.0902, 0.0352
CMYK	0.13, 0.06, 0.00, 0.04
HSL	205°, 65%, 90%
HSV	205°, 13%, 96%
XYZ	72.9390, 78.5132, 98.5102
YIQ	227.9150, -15.8180, 0.3260

Conversions

Conversions Part 2

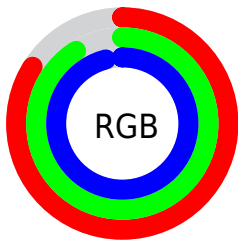
Format	Color
R _Y B	213, 225, 246
Decimal	14018806
CIE Lab	91.01, -3.50, -8.93
CIE LCh	91, 9.591, 248.603
Yxy	78.5132, 0.2918, 0.3141
Android (android.graphics.Color)	4292208886 (0xFFD5E8F6)
YUV	227.9150, 8.9159, -13.0805
Hunter-Lab	88.6077, -8.1279, -3.8907

Details

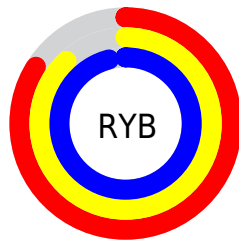
The Yxy color `78.5132, 0.2918, 0.3141` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `79.3650, 0.3354, 0.3435`, and the grayscale version is `77.4655, 0.3127, 0.3290`.

A 20% lighter version of the original color is `100.0000, 0.3127, 0.3290`, and `42.0375, 0.2867, 0.3097` is the 20% darker color. If you saturate the color by 10%, you get `69.3998, 0.2758, 0.3016`, and if you desaturate by 10%, it is `88.5414, 0.3075, 0.3254`.

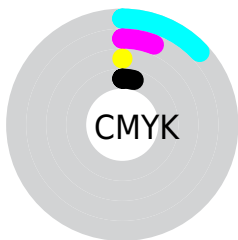
Distribution



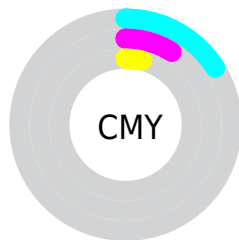
- Red (84%)
- Green (91%)
- Blue (96%)



- Red (84%)
- Yellow (88%)
- Blue (96%)



- Cyan (13%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (9%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.5132, 0.2918, 0.3141 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 78.5132, 0.2918, 0.3141 by changing the saturation by 10% instead.

■ 78.5132, 0.2918,
0.3141

■ 78.5132, 0.2918,
0.3141

489.9080, 0.3013,
0.3210

■ 58.4957, 0.2897,
0.3125

131.2733, 0.2951,
0.3165

■ 42.2073, 0.2871,
0.3106

164.7847, 0.2963,
0.3174

■ 29.2636, 0.2838,
0.3082

203.5628, 0.2974,
0.3182

■ 19.2803, 0.2796,
0.3051

247.9920, 0.2984,
0.3189

■ 11.8730, 0.2739,
0.3009

298.4567, 0.2993,
0.3195

■ 6.6573, 0.2660,
0.2948

355.3414, 0.3000,

■ 3.2487, 0.2539,

0.3200

0.2855

419.0303, 0.3007,
0.3205

■ 1.2629, 0.2338,
0.2695

■ 0.1122, 0.0241,
0.1275

■ 78.5132, 0.2918,
0.3141

■ 78.5132, 0.2918,
0.3141

■ 69.3998, 0.2758,
0.3016

■ 88.5414, 0.3075,
0.3254

■ 61.1602, 0.2599,
0.2878

■ 98.1065, 0.3181,
0.3356

■ 53.7647, 0.2444,
0.2730

■ 99.4348, 0.3179,
0.3376

■ 47.1774, 0.2296,
0.2573

■ 41.3596, 0.2162,
0.2409

■ 36.2681, 0.2045,
0.2241

■ 31.8539, 0.1948,
0.2075

■ 28.0586, 0.1874,
0.1912

■ 25.8419, 0.1836,
0.1809

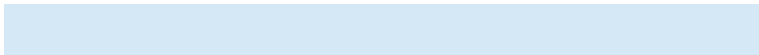
Harmonies

Analogous

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



78.5132, 0.2916, 0.3223



78.5132, 0.2918, 0.3141



78.5132, 0.2975, 0.3101

Triad

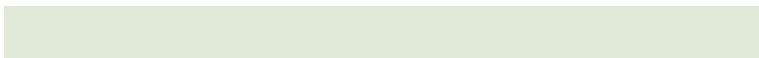
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.5132, 0.2918, 0.3141



78.5132, 0.3287, 0.3253



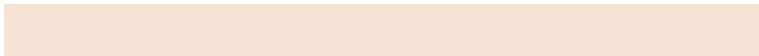
78.5132, 0.3179, 0.3478

Complementary

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



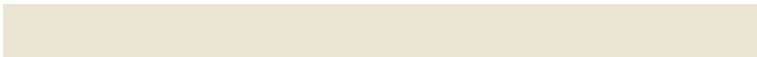
78.5132, 0.2918, 0.3141



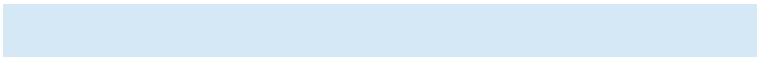
79.3650, 0.3354, 0.3435

Split Complementary

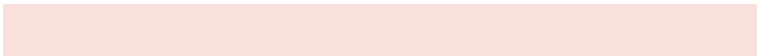
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



78.5132, 0.3280, 0.3483



78.5132, 0.2918, 0.3141



78.5132, 0.3343, 0.3351

Square

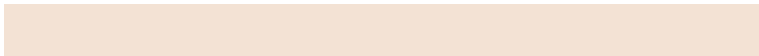
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5132, 0.2918, 0.3141



78.5132, 0.3187, 0.3166



78.5132, 0.3341, 0.3436



78.5132, 0.3065, 0.3420

Rectangle

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



78.5132, 0.2918, 0.3141



78.5132, 0.3037, 0.3102



78.5132, 0.3341, 0.3436



78.5132, 0.3215, 0.3486

Sweetspot

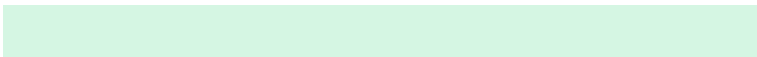
The Sweet Spot groups the original color and five complimentary colors.



78.5165, 0.2918, 0.3141



95.3819, 0.3066, 0.3248



85.6048, 0.3031, 0.3495



20.2337, 0.3054, 0.3240



0.0000, 0.0000, 0.0000



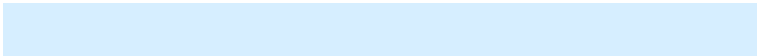
21.4041, 0.3127, 0.3290

Same Dimension

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



78.5165, 0.2918, 0.3141



82.4981, 0.2876, 0.3109



69.8027, 0.2913, 0.2965



17.5092, 0.2980, 0.3187



14.0755, 0.1843, 0.1835



1.4406, 0.1898, 0.2034

Inverse Universe

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



73.0243, 0.3239, 0.3097



75.6076, 0.3264, 0.3057



88.6619, 0.3332, 0.3596



16.6423, 0.3203, 0.3155



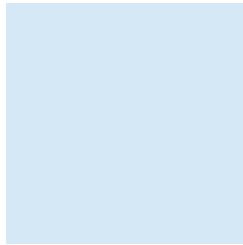
11.5203, 0.4644, 0.2332



1.0331, 0.4415, 0.2206

Previews

White Background



This preview shows how the Yxy color 78.5132, 0.2918, 0.3141 looks on a white background.

Color Contrast Check

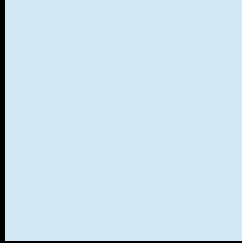
Large Text (above 18pt) WCAG AA × Fail

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 78.5132, 0.2918, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

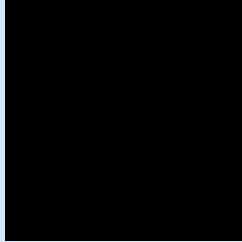
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

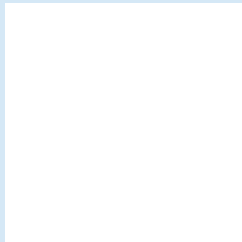
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.5132, 0.2918, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 78.5132, 0.2918, 0.3141.

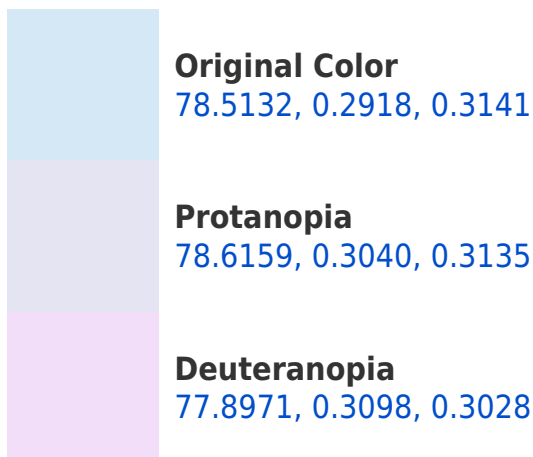


This preview shows how white text looks on a background with the Yxy color 78.5132, 0.2918, 0.3141.

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

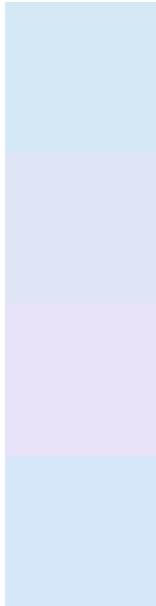




Tritanopia

78.3501, 0.2901, 0.3089

Trichromacy



Original Color

78.5132, 0.2918, 0.3141

Protanomaly

78.2583, 0.2994, 0.3133

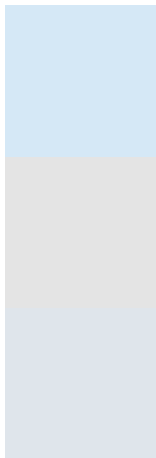
Deuteranomaly

78.0970, 0.3029, 0.3074

Tritanomaly

78.2875, 0.2907, 0.3100

Monochromacy



Original Color

78.5132, 0.2918, 0.3141

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

77.7248, 0.3049, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.5132, 0.2918, 0.3141 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(213, 232, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 232, 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(213, 232, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 232, 246) }
```

Border

The CSS property to change the border of an element to Yxy 78.5132, 0.2918, 0.3141 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(213, 232, 246) }
```

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

```
.border{ border-color:rgb(213, 232, 246) }
```

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

Here you see how a box with a 4 pixel rgb(213, 232, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 232, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 232, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 232,  
246) }
```


Background

The CSS property to change the background color of an element to Yxy 78.5132, 0.2918, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 232, 246) }
```

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

```
.background{ background-color: rgb(213,  
232, 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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