

Converting Colors

Yxy(83.9141, 0.2942, 0.3136)

Have a look what the booklet for
Yxy(83.9141, 0.2942, 0.3136)
contains.

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Color

Yxy(83.9289, 0.2942, 0.3136)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DFFEEFD |
| RGB | 223, 238, 253 |
| RGB Percent | 87%, 93%, 99% |
| CMY | 0.1254, 0.0667, 0.0079 |
| CMYK | 0.12, 0.06, 0.00, 0.01 |
| HSL | 210°, 88%, 93% |
| HSV | 210°, 12%, 99% |
| XYZ | 78.7369, 83.9289, 104.9647 |
| YIQ | 235.2250, -13.7550, 1.4850 |

Conversions

Conversions Part 2

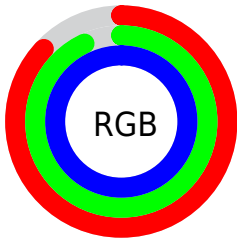
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 223, 233, 253 |
| Decimal | 14675709 |
| CIE _{Lab} | 93.42, -2.05, -8.92 |
| CIE _{LCh} | 93, 9.149, 257.061 |
| Yxy | 83.9289, 0.2942, 0.3136 |
| Android (android.graphics.Color) | 4292865789 (0xFFDFEEFD) |
| YUV | 235.2250, 8.7631, -10.7213 |
| Hunter-Lab | 91.6127, -6.9098, -3.8022 |

Details

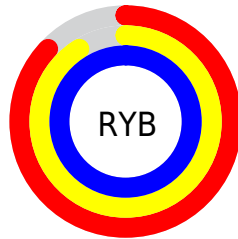
The Yxy color **83.9289, 0.2942, 0.3136** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.3570, 0.3323, 0.3439**, and the grayscale version is **83.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.7663, 0.2906, 0.3105** is the 20% darker color. If you saturate the color by 10%, you get **73.1013, 0.2780, 0.2990**, and if you desaturate by 10%, it is **95.8813, 0.3099, 0.3267**.

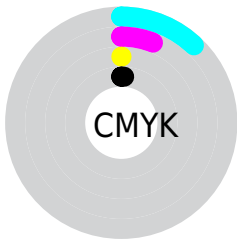
Distribution



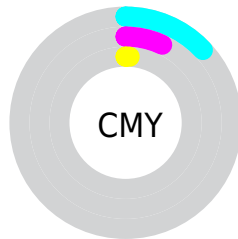
- Red (87%)
- Green (93%)
- Blue (99%)



- Red (87%)
- Yellow (91%)
- Blue (99%)



- Cyan (12%)
- Magenta (6%)
- Yellow (0%)
- Black (1%)



- Cyan (13%)
- Magenta (7%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 83.9289, 0.2942, 0.3136 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 83.9289, 0.2942, 0.3136 by changing the saturation by 10% instead.

83.9289, 0.2942,
0.3136

83.9289, 0.2942,
0.3136

508.0771, 0.3025,
0.3206

62.9567, 0.2924,
0.3120

138.8757, 0.2970,
0.3160

45.8062, 0.2901,
0.3101

173.6192, 0.2982,
0.3169

32.0929, 0.2873,
0.3078

213.7218, 0.2991,
0.3177

21.4325, 0.2837,
0.3047

259.5681, 0.3000,
0.3184

13.4405, 0.2789,
0.3006

311.5423, 0.3007,
0.3191

7.7326, 0.2723,
0.2949

370.0290, 0.3014,

3.9243, 0.2624,

0.3196

0.2863

435.4125, 0.3020,
0.3201

■ 1.6313, 0.2463,
0.2721

■ 0.3786, 0.1795,
0.2194

■ 83.9289, 0.2942,
0.3136

■ 83.9289, 0.2942,
0.3136

■ 73.1013, 0.2780,
0.2990

■ 95.8813, 0.3099,
0.3267

■ 63.3508, 0.2614,
0.2829

99.8709, 0.3139,
0.3309

■ 54.6417, 0.2450,
0.2654

■ 46.9316, 0.2292,
0.2468

■ 40.1748, 0.2144,
0.2273

■ 34.3211, 0.2012,
0.2075

■ 29.3140, 0.1902,
0.1879

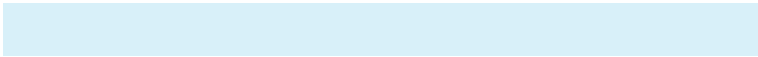
■ 25.0872, 0.1816,
0.1691

■ 22.1431, 0.1763,
0.1546

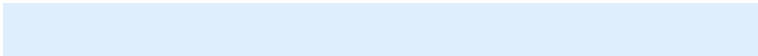
Harmonies

Analogous

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



83.9289, 0.2925, 0.3203



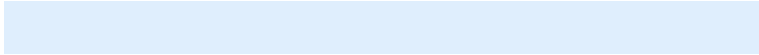
83.9289, 0.2942, 0.3136



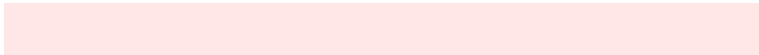
83.9289, 0.3008, 0.3111

Triad

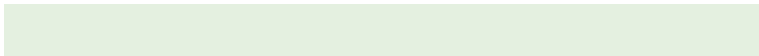
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.9289, 0.2942, 0.3136



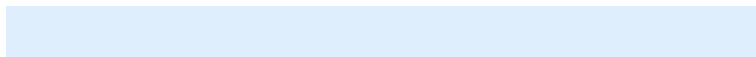
83.9289, 0.3296, 0.3282



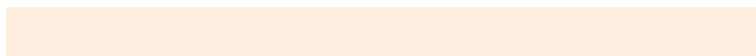
83.9289, 0.3145, 0.3454

Complementary

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



83.9289, 0.2942, 0.3136



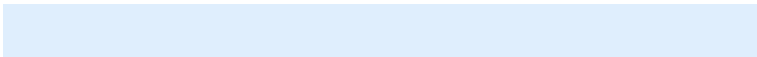
87.3570, 0.3323, 0.3439

Split Complementary

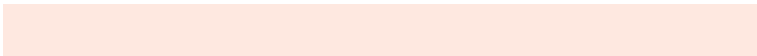
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.9289, 0.3246, 0.3474



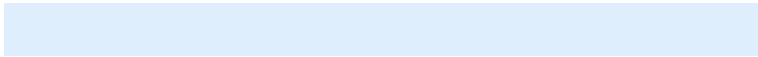
83.9289, 0.2942, 0.3136



83.9289, 0.3334, 0.3372

Square

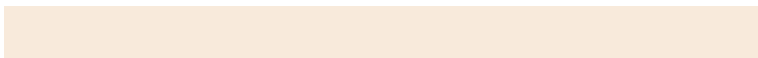
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



83.9289, 0.2942, 0.3136



83.9289, 0.3212, 0.3195



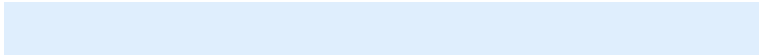
83.9289, 0.3315, 0.3443



83.9289, 0.3041, 0.3388

Rectangle

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



83.9289, 0.2942, 0.3136



83.9289, 0.3071, 0.3121



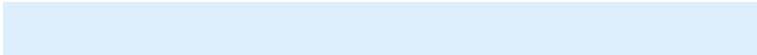
83.9289, 0.3315, 0.3443



83.9289, 0.3181, 0.3466

Sweetspot

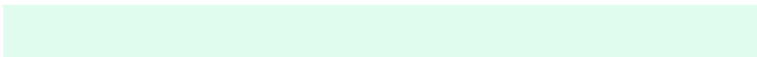
The Sweet Spot groups the original color and five complimentary colors.



83.9324, 0.2942, 0.3136



94.9060, 0.3066, 0.3240



92.0755, 0.3031, 0.3448



20.1132, 0.3054, 0.3231



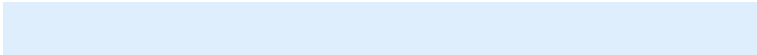
0.0000, 0.0000, 0.0000



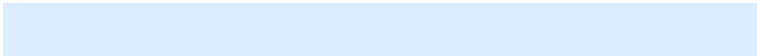
21.4041, 0.3127, 0.3290

Same Dimension

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



83.9324, 0.2942, 0.3136



82.9833, 0.2907, 0.3106



75.8334, 0.2939, 0.2984



18.8786, 0.2979, 0.3168



12.0724, 0.1771, 0.1574



1.3939, 0.1828, 0.1780

Inverse Universe

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



79.8375, 0.3240, 0.3142



78.2031, 0.3263, 0.3114



96.1346, 0.3305, 0.3579



18.1386, 0.3215, 0.3172



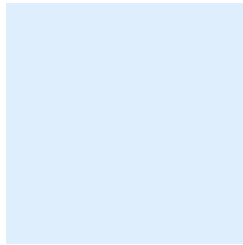
11.9467, 0.4964, 0.2508



1.1853, 0.4710, 0.2368

Previews

White Background



This preview shows how the Yxy color 83.9289, 0.2942, 0.3136 looks on a white background.

Color Contrast Check

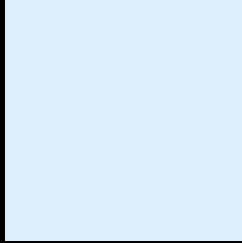
Large Text (above 18pt) WCAG AA × Fail

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 83.9289, 0.2942, 0.3136 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

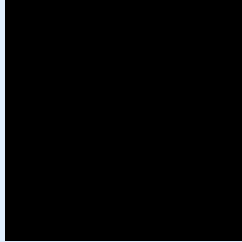
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

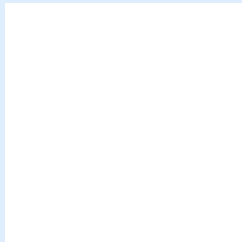
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 83.9289, 0.2942, 0.3136

Background



This preview shows how black text looks on a background with the Yxy color 83.9289, 0.2942, 0.3136.

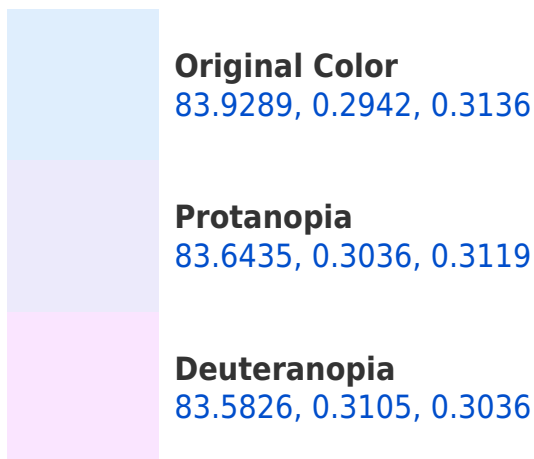


This preview shows how white text looks on a background with the Yxy color 83.9289, 0.2942, 0.3136.

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

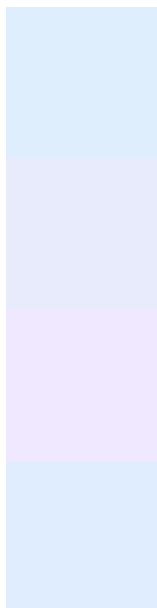




Tritanopia

83.6357, 0.2936, 0.3106

Trichromacy



Original Color

83.9289, 0.2942, 0.3136

Protanomaly

83.4339, 0.2998, 0.3117

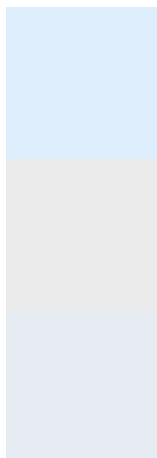
Deuteranomaly

83.3942, 0.3044, 0.3071

Tritanomaly

83.5714, 0.2942, 0.3116

Monochromacy



Original Color

83.9289, 0.2942, 0.3136

Achromatopsia

83.0770, 0.3127, 0.3290

Achromatomaly

83.3906, 0.3058, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 83.9289, 0.2942, 0.3136 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(223, 238, 253)` looks like.

```
.text, #text, p{  
    color:rgb(223, 238, 253)  
}
```

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(223, 238, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 238, 253) }
```

Border

The CSS property to change the border of an element to Yxy 83.9289, 0.2942, 0.3136 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(223, 238, 253) }
```

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

```
.border{ border-color:rgb(223, 238, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 238, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 238, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 238, 253);  
box-shadow:4px 4px 4px 4px rgb(223, 238,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 83.9289, 0.2942, 0.3136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 238, 253) }
```

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

```
.background{ background-color: rgb(223,  
238, 253) }
```

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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