

Converting Colors

Yxy(80.1526, 0.2937, 0.3241)

Have a look what the booklet for
Yxy(80.1526, 0.2937, 0.3241)
contains.

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Color

Yxy(80.1907, 0.2935, 0.3236)

Conversions

Conversions Part 1

Format	Color
Hex	D3ECF1
RGB	211, 236, 241
RGB Percent	83%, 93%, 95%
CMY	0.1727, 0.0745, 0.0548
CMYK	0.12, 0.02, 0.00, 0.05
HSL	190°, 52%, 89%
HSV	190°, 12%, 95%
XYZ	72.7317, 80.1907, 94.8857
YIQ	229.0950, -16.5050, -3.7450

Conversions

Conversions Part 2

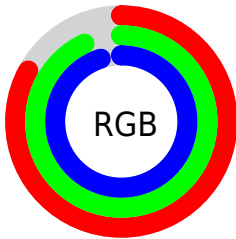
Format	Color
R _Y B	211, 225, 241
Decimal	13888753
CIE Lab	91.77, -7.20, -5.22
CIE LCh	92, 8.891, 215.975
Yxy	80.1907, 0.2935, 0.3236
Android (android.graphics.Color)	4292078833 (0xFFD3ECF1)
YUV	229.0950, 5.8692, -15.8693
Hunter-Lab	89.5493, -11.7340, -0.1388

Details

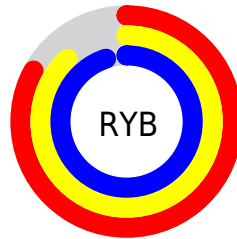
The Yxy color **80.1907, 0.2935, 0.3236** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.5089, 0.3347, 0.3343**, and the grayscale version is **78.3920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **43.2132, 0.2890, 0.3220** is the 20% darker color. If you saturate the color by 10%, you get **74.6076, 0.2786, 0.3188**, and if you desaturate by 10%, it is **86.3664, 0.3089, 0.3280**.

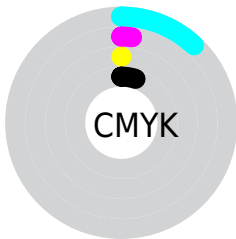
Distribution



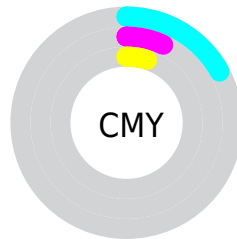
- Red (83%)
- Green (93%)
- Blue (95%)



- Red (83%)
- Yellow (88%)
- Blue (95%)



- Cyan (12%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (17%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 80.1907, 0.2935, 0.3236 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 80.1907, 0.2935, 0.3236 by changing the saturation by 10% instead.

80.1907, 0.2935,
0.3236

80.1907, 0.2935,
0.3236

495.5753, 0.3022,
0.3261

59.8753, 0.2916,
0.3230

133.6338, 0.2965,
0.3245

43.3181, 0.2892,
0.3223

167.5303, 0.2976,
0.3248

30.1348, 0.2862,
0.3214

206.7226, 0.2987,
0.3251

19.9409, 0.2824,
0.3202

251.5951, 0.2995,
0.3254

12.3521, 0.2772,
0.3185

302.5323, 0.3003,
0.3256

6.9840, 0.2700,
0.3161

359.9184, 0.3010,

3.4521, 0.2592,

0.3258

0.3123

424.1379, 0.3016,
0.3260

■ 1.3721, 0.2410,
0.3054

■ 0.1960, 0.0135,
0.2496

■ 80.1907, 0.2935,
0.3236

■ 80.1907, 0.2935,
0.3236

■ 74.6076, 0.2786,
0.3188

■ 86.3664, 0.3089,
0.3280

■ 69.5829, 0.2645,
0.3137

■ 92.3478, 0.3217,
0.3320

■ 65.0943, 0.2515,
0.3082

■ 94.7955, 0.3214,
0.3358

■ 61.1138, 0.2399,
0.3024

■ 97.2964, 0.3211,
0.3397

■ 57.6105, 0.2299,
0.2965

■ 99.1326, 0.3208,
0.3424

■ 54.5500, 0.2219,
0.2905

■ 51.8927, 0.2158,
0.2844

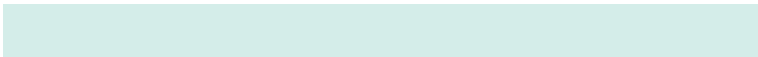
■ 49.5905, 0.2116,
0.2784

■ 48.0371, 0.2094,
0.2740

Harmonies

Analogous

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



80.1907, 0.2988, 0.3331



80.1907, 0.2935, 0.3236



80.1907, 0.2932, 0.3158

Triad

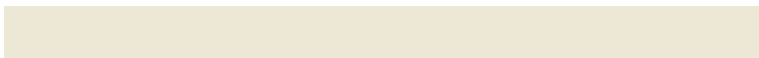
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1907, 0.2935, 0.3236



80.1907, 0.3173, 0.3170



80.1907, 0.3274, 0.3466

Complementary

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



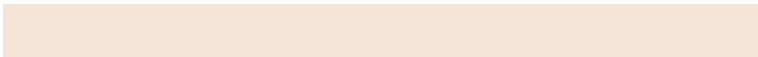
80.1907, 0.2935, 0.3236



72.5089, 0.3347, 0.3343

Split Complementary

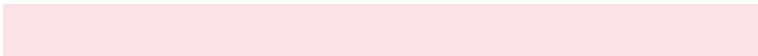
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



80.1907, 0.3326, 0.3419



80.1907, 0.2935, 0.3236



80.1907, 0.3267, 0.3248

Square

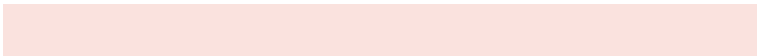
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



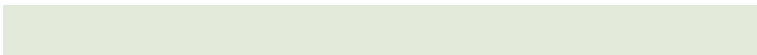
80.1907, 0.2935, 0.3236



80.1907, 0.3068, 0.3122



80.1907, 0.3323, 0.3339



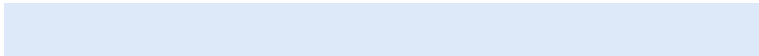
80.1907, 0.3184, 0.3465

Rectangle

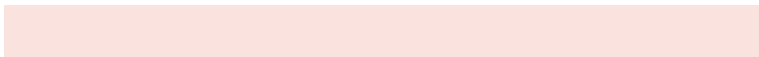
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



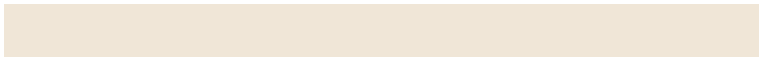
80.1907, 0.2935, 0.3236



80.1907, 0.2959, 0.3126



80.1907, 0.3323, 0.3339



80.1907, 0.3297, 0.3455

Sweetspot

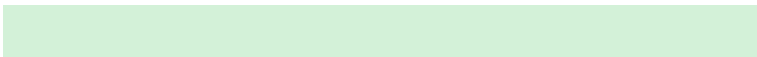
The Sweet Spot groups the original color and five complimentary colors.



80.1940, 0.2935, 0.3236



97.0354, 0.3065, 0.3273



81.7279, 0.3082, 0.3562



20.6529, 0.3053, 0.3270



0.0000, 0.0000, 0.0000



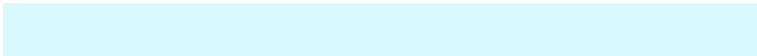
21.4041, 0.3127, 0.3290

Same Dimension

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



80.1940, 0.2935, 0.3236



89.4485, 0.2896, 0.3224



71.9012, 0.2931, 0.3073



17.4537, 0.2981, 0.3250



26.2143, 0.2097, 0.2749



2.2987, 0.2119, 0.2828

Inverse Universe

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



71.3331, 0.3176, 0.3032



77.5726, 0.3187, 0.2978



80.5631, 0.3327, 0.3498



15.9835, 0.3163, 0.3095



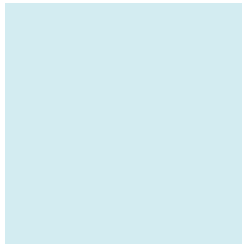
12.4397, 0.3682, 0.1802



1.0468, 0.3609, 0.1762

Previews

White Background



This preview shows how the Yxy color 80.1907, 0.2935, 0.3236 looks on a white background.

Color Contrast Check

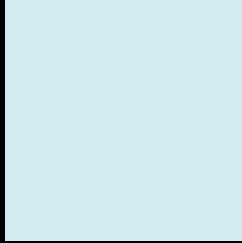
Large Text (above 18pt) WCAG AA × Fail

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 80.1907, 0.2935, 0.3236 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

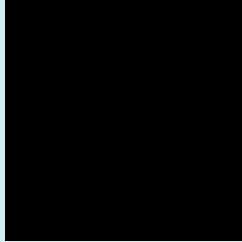
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

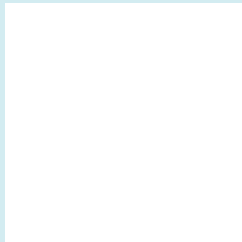
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 80.1907, 0.2935, 0.3236

Background



This preview shows how black text looks on a background with the Yxy color 80.1907, 0.2935, 0.3236.

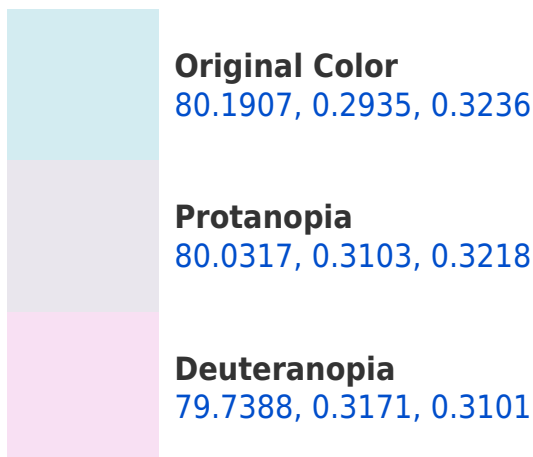


This preview shows how white text looks on a background with the Yxy color 80.1907, 0.2935, 0.3236.

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

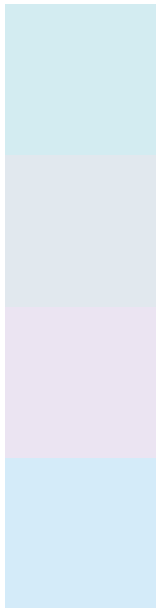




Tritanopia

80.0836, 0.2879, 0.3090

Trichromacy



Original Color

80.1907, 0.2935, 0.3236

Protanomaly

79.8938, 0.3043, 0.3227

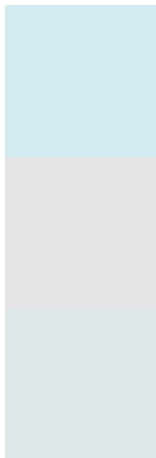
Deuteranomaly

79.5598, 0.3086, 0.3147

Tritanomaly

80.2533, 0.2895, 0.3142

Monochromacy



Original Color

80.1907, 0.2935, 0.3236

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.1260, 0.3054, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1907, 0.2935, 0.3236 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(211, 236, 241)` looks like.

```
.text, #text, p{  
    color:rgb(211, 236, 241)  
}
```

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(211, 236, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 236, 241) }
```

Border

The CSS property to change the border of an element to Yxy 80.1907, 0.2935, 0.3236 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(211, 236, 241) }
```

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

```
.border{ border-color:rgb(211, 236, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 236, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 236, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 236, 241);  
box-shadow:4px 4px 4px 4px rgb(211, 236,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1907, 0.2935, 0.3236 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 236, 241) }
```

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

```
.background{ background-color: rgb(211,  
236, 241) }
```

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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