

Converting Colors

Yxy(85.9982, 0.2946, 0.3150)

Have a look what the booklet for
Yxy(85.9982, 0.2946, 0.3150)
contains.

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Color

Yxy(86.1381, 0.2943, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	E1F1FF
RGB	225, 241, 255
RGB Percent	88%, 95%, 100%
CMY	0.1178, 0.0549, 0.0000
CMYK	0.12, 0.05, 0.00, 0.00
HSL	208°, 100%, 94%
HSV	208°, 12%, 100%
XYZ	80.5543, 86.1381, 107.0226
YIQ	237.8120, -14.0300, 0.9620

Conversions

Conversions Part 2

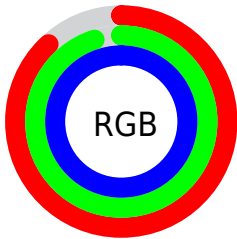
Format	Color
R _Y B	225, 235, 255
Decimal	14807551
CIE Lab	94.37, -2.57, -8.56
CIE LCh	94, 8.935, 253.314
Yxy	86.1381, 0.2943, 0.3147
Android (android.graphics.Color)	4292997631 (0xFFE1F1FF)
YUV	237.8120, 8.4737, -11.2361
Hunter-Lab	92.8106, -7.4908, -3.4016

Details

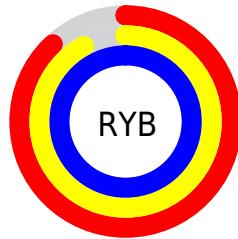
The Yxy color **86.1381, 0.2943, 0.3147** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.4043, 0.3323, 0.3429**, and the grayscale version is **85.2850, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **47.3212, 0.2909, 0.3120** is the 20% darker color. If you saturate the color by 10%, you get **75.5369, 0.2782, 0.3011**, and if you desaturate by 10%, it is **97.8117, 0.3100, 0.3270**.

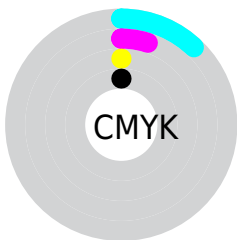
Distribution



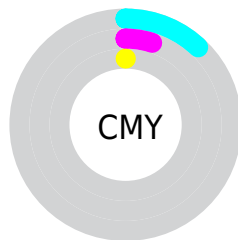
- Red (88%)
- Green (95%)
- Blue (100%)



- Red (88%)
- Yellow (92%)
- Blue (100%)



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



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 86.1381, 0.2943, 0.3147 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 86.1381, 0.2943, 0.3147 by changing the saturation by 10% instead.

86.1381, 0.2943,
0.3147

86.1381, 0.2943,
0.3147

515.3865, 0.3025,
0.3212

64.7822, 0.2925,
0.3133

141.9622, 0.2971,
0.3169

47.2845, 0.2903,
0.3115

177.1991, 0.2982,
0.3178

33.2606, 0.2875,
0.3093

217.8319, 0.2992,
0.3185

22.3262, 0.2840,
0.3065

264.2448, 0.3000,
0.3192

14.0968, 0.2794,
0.3028

316.8224, 0.3007,
0.3198

8.1880, 0.2729,
0.2976

375.9489, 0.3014,

4.2155, 0.2634,

0.3203

0.2898

442.0088, 0.3020,
0.3207

■ 1.7948, 0.2481,
0.2770

■ 0.4839, 0.1971,
0.2401

■ 86.1381, 0.2943,
0.3147

■ 86.1381, 0.2943,
0.3147

■ 75.5369, 0.2782,
0.3011

■ 97.8117, 0.3100,
0.3270

■ 65.9698, 0.2619,
0.2862

100.0000, 0.3127,
0.3290

■ 57.3997, 0.2459,
0.2700

■ 49.7858, 0.2304,
0.2527

■ 43.0838, 0.2161,
0.2347

■ 37.2451, 0.2035,
0.2162

■ 32.2146, 0.1929,
0.1979

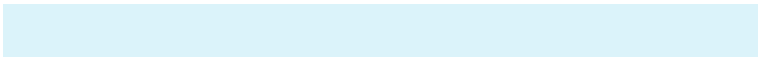
■ 27.9279, 0.1847,
0.1801

■ 24.8851, 0.1795,
0.1662

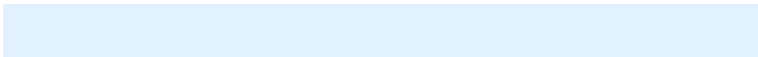
Harmonies

Analogous

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



86.1381, 0.2933, 0.3216



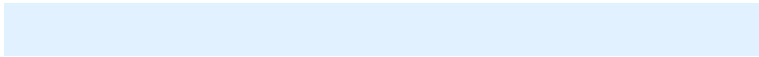
86.1381, 0.2943, 0.3147



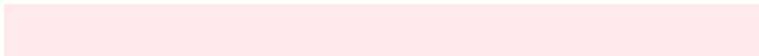
86.1381, 0.3002, 0.3117

Triad

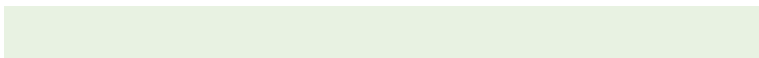
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.1381, 0.2943, 0.3147



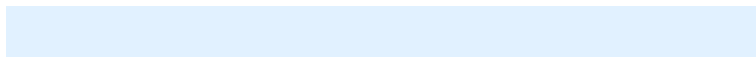
86.1381, 0.3282, 0.3271



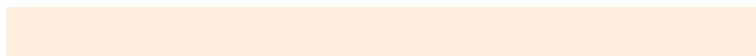
86.1381, 0.3158, 0.3454

Complementary

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



86.1381, 0.2943, 0.3147



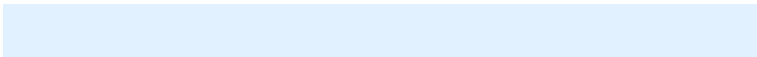
88.4043, 0.3323, 0.3429

Split Complementary

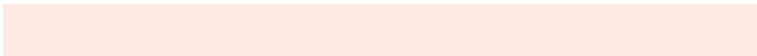
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.1381, 0.3253, 0.3467



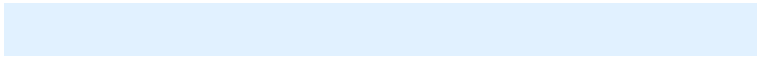
86.1381, 0.2943, 0.3147



86.1381, 0.3325, 0.3359

Square

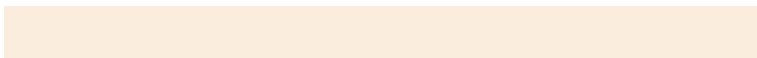
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.1381, 0.2943, 0.3147



86.1381, 0.3197, 0.3189



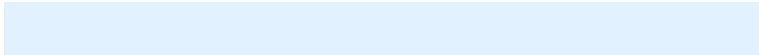
86.1381, 0.3314, 0.3431



86.1381, 0.3056, 0.3395

Rectangle

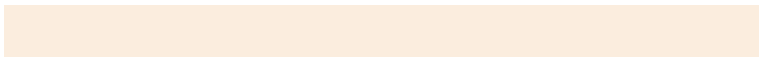
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



86.1381, 0.2943, 0.3147



86.1381, 0.3061, 0.3123



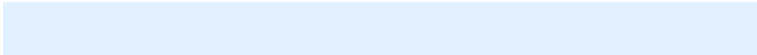
86.1381, 0.3314, 0.3431



86.1381, 0.3191, 0.3464

Sweetspot

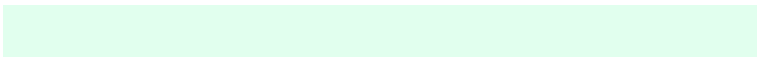
The Sweet Spot groups the original color and five complimentary colors.



86.1390, 0.2943, 0.3147



95.1220, 0.3066, 0.3244



93.7242, 0.3037, 0.3458



20.1679, 0.3054, 0.3235



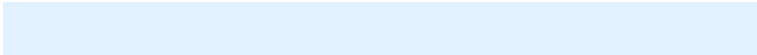
0.0000, 0.0000, 0.0000



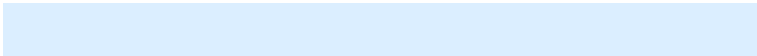
21.4041, 0.3127, 0.3290

Same Dimension

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



86.1390, 0.2943, 0.3147



83.6903, 0.2908, 0.3118



77.8721, 0.2940, 0.2996



18.9846, 0.2979, 0.3176



13.3051, 0.1803, 0.1689



1.5143, 0.1857, 0.1885

Inverse Universe

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



81.4455, 0.3232, 0.3133



78.2744, 0.3255, 0.3102



97.2603, 0.3305, 0.3568



18.1493, 0.3210, 0.3164



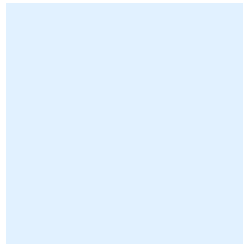
12.0711, 0.4820, 0.2429



1.1974, 0.4585, 0.2299

Previews

White Background



This preview shows how the Yxy color 86.1381, 0.2943, 0.3147 looks on a white background.

Color Contrast Check

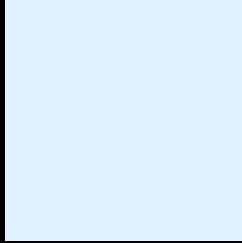
Large Text (above 18pt) WCAG AA × Fail

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 86.1381, 0.2943, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

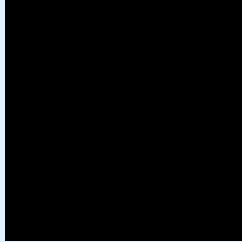
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

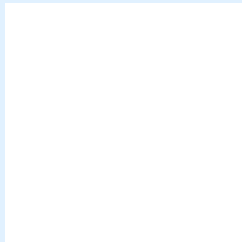
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 86.1381, 0.2943, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 86.1381, 0.2943, 0.3147.



This preview shows how white text looks on a background with the Yxy color 86.1381, 0.2943, 0.3147.

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



Original Color

86.1381, 0.2943, 0.3147

Protanopia

86.0109, 0.3043, 0.3131

Deuteranopia

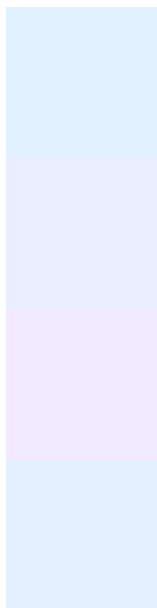
85.6287, 0.3118, 0.3067



Tritanopia

86.1982, 0.2968, 0.3138

Trichromacy



Original Color

86.1381, 0.2943, 0.3147

Protanomaly

85.7973, 0.3005, 0.3129

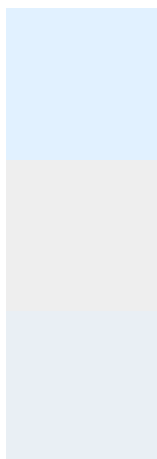
Deuteranomaly

85.5139, 0.3051, 0.3092

Tritanomaly

86.0342, 0.2962, 0.3138

Monochromacy



Original Color

86.1381, 0.2943, 0.3147

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

85.5883, 0.3058, 0.3239

CSS Examples

Text

The CSS property to change the color of the text to Yxy 86.1381, 0.2943, 0.3147 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(225, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(225, 241, 255)  
}
```

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(225, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 86.1381, 0.2943, 0.3147 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(225, 241, 255) }
```

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

```
.border{ border-color:rgb(225, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(225, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 86.1381, 0.2943, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 241, 255) }
```

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

```
.background{ background-color: rgb(225,  
241, 255) }
```

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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