

Converting Colors

$Yxy(82.2515, 0.2943, 0.3289)$

Have a look what the booklet for
Yxy(82.2515, 0.2943, 0.3289)
contains.

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Color

Yxy(82.4603, 0.2942, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	D3F0F0
RGB	211, 240, 240
RGB Percent	83%, 94%, 94%
CMY	0.1725, 0.0588, 0.0587
CMYK	0.12, 0.00, 0.00, 0.06
HSL	180°, 49%, 88%
HSV	180°, 12%, 94%
XYZ	73.7605, 82.4603, 94.4946
YIQ	231.3290, -17.2840, -6.1480

Conversions

Conversions Part 2

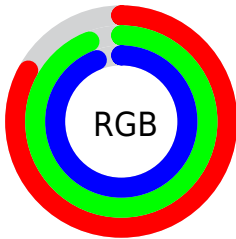
Format	Color
R _Y B	211, 226, 240
Decimal	13889776
CIE Lab	92.78, -9.39, -3.22
CIE LCh	93, 9.929, 198.945
Yxy	82.4603, 0.2942, 0.3289
Android (android.graphics.Color)	4292079856 (0xFFD3F0F0)
YUV	231.3290, 4.2748, -17.8285
Hunter-Lab	90.8077, -13.9229, 1.8681

Details

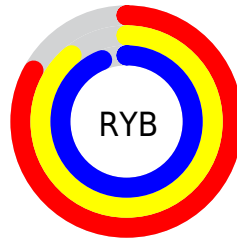
The Yxy color **82.4603, 0.2942, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.8551, 0.3346, 0.3291**, and the grayscale version is **80.1520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.8096, 0.2900, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **79.1590, 0.2799, 0.3288**, and if you desaturate by 10%, it is **86.2979, 0.3094, 0.3290**.

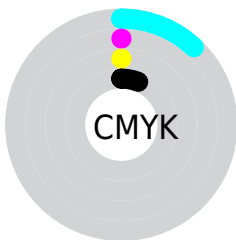
Distribution



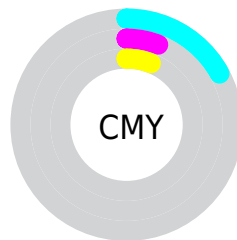
- Red (83%)
- Green (94%)
- Blue (94%)



- Red (83%)
- Yellow (89%)
- Blue (94%)



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



- Cyan (17%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.4603, 0.2942, 0.3289 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 82.4603, 0.2942, 0.3289 by changing the saturation by 10% instead.

82.4603, 0.2942,
0.3289

82.4603, 0.2942,
0.3289

503.1861, 0.3025,
0.3290

61.7450, 0.2923,
0.3289

136.8193, 0.2971,
0.3289

44.8267, 0.2901,
0.3288

171.2318, 0.2982,
0.3290

31.3209, 0.2872,
0.3287

210.9789, 0.2991,
0.3290

20.8434, 0.2836,
0.3286

256.4449, 0.3000,
0.3290

13.0096, 0.2787,
0.3284

308.0142, 0.3007,
0.3290

7.4351, 0.2719,
0.3281

366.0712, 0.3014,

3.7357, 0.2617,

0.3290

431.0004, 0.3020,
0.3290

0.3275

■ 1.5268, 0.2448,
0.3262

■ 0.3075, 0.0677,
0.3304

■ 82.4603, 0.2942,
0.3289

■ 82.4603, 0.2942,
0.3289

■ 79.1590, 0.2799,
0.3288

■ 86.2979, 0.3094,
0.3290

■ 76.3603, 0.2668,
0.3287

■ 89.9112, 0.3226,
0.3291


■ 74.0424, 0.2553,
0.3287

■ 89.9310, 0.3226,
0.3291

■ 72.1781, 0.2455,
0.3286

■ 89.9507, 0.3226,
0.3291


 70.7374, 0.2376,
0.3285


 89.9705, 0.3226,
0.3292

 69.6867, 0.2317,
0.3285


 89.9902, 0.3226,
0.3292

 68.9872, 0.2276,
0.3284

 90.0100, 0.3226,
0.3292

 68.5924, 0.2254,
0.3284

 90.0297, 0.3226,
0.3293

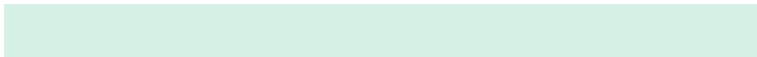
 68.4384, 0.2245,
0.3283

 90.0495, 0.3226,
0.3293

Harmonies

Analogous

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



82.4603, 0.3027, 0.3392



82.4603, 0.2942, 0.3289



82.4603, 0.2906, 0.3189

Triad

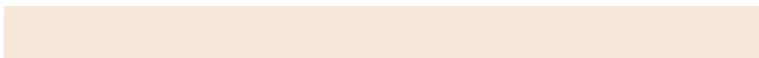
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.4603, 0.2942, 0.3289



82.4603, 0.3112, 0.3122



82.4603, 0.3329, 0.3460

Complementary

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



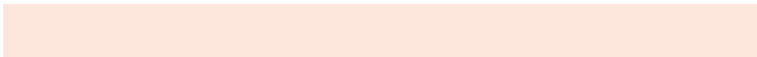
82.4603, 0.2942, 0.3289



69.8551, 0.3346, 0.3291

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.



82.4603, 0.3353, 0.3385



82.4603, 0.2942, 0.3289



82.4603, 0.3227, 0.3192

Square

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



82.4603, 0.2942, 0.3289



82.4603, 0.3003, 0.3095



82.4603, 0.3316, 0.3287



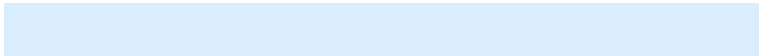
82.4603, 0.3250, 0.3491

Rectangle

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



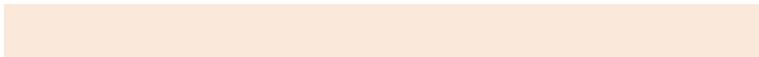
82.4603, 0.2942, 0.3289



82.4603, 0.2915, 0.3137



82.4603, 0.3316, 0.3287



82.4603, 0.3344, 0.3439

Sweetspot

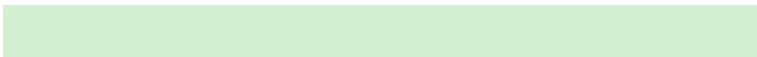
The Sweet Spot groups the original color and five complimentary colors.



82.4637, 0.2942, 0.3289



98.1074, 0.3065, 0.3290



80.8983, 0.3112, 0.3607



20.9253, 0.3053, 0.3290



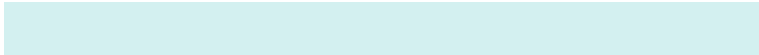
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



82.4637, 0.2942, 0.3289



93.4194, 0.2899, 0.3289



74.2825, 0.2939, 0.3133



17.9250, 0.2981, 0.3289



37.4528, 0.2245, 0.3283



3.1170, 0.2246, 0.3284

Inverse Universe

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



71.4219, 0.3141, 0.2993



77.9735, 0.3145, 0.2918



77.3730, 0.3327, 0.3442



16.0310, 0.3138, 0.3058



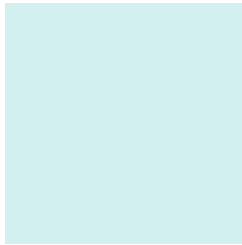
13.5742, 0.3213, 0.1543



1.1294, 0.3212, 0.1543

Previews

White Background



This preview shows how the Yxy color 82.4603, 0.2942, 0.3289 looks on a white background.

Color Contrast Check

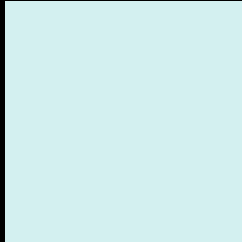
Large Text (above 18pt) WCAG AA × Fail

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 82.4603, 0.2942, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

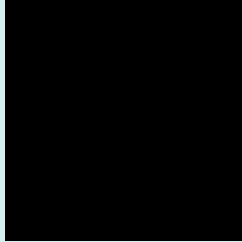
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

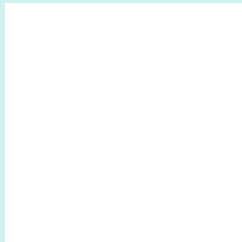
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.4603, 0.2942, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 82.4603, 0.2942, 0.3289.

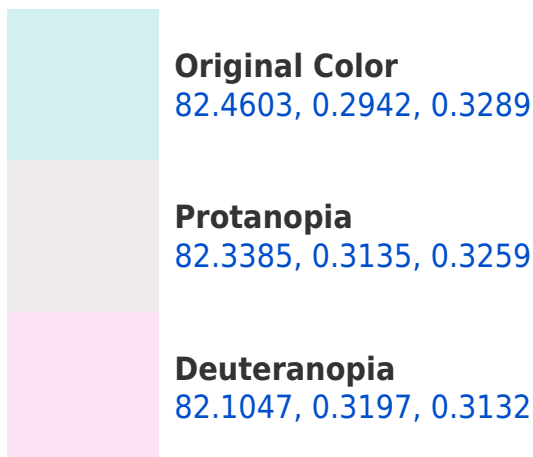


This preview shows how white text looks on a background with the Yxy color 82.4603, 0.2942, 0.3289.

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

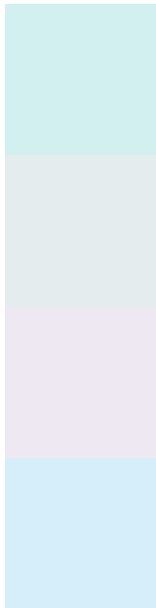




Tritanopia

82.2354, 0.2881, 0.3103

Trichromacy



Original Color

82.4603, 0.2942, 0.3289

Protanomaly

82.5993, 0.3068, 0.3279

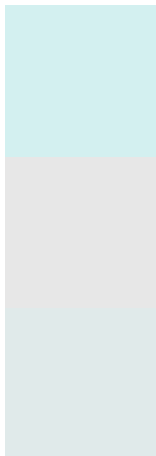
Deuteranomaly

82.1286, 0.3098, 0.3188

Tritanomaly

82.3473, 0.2903, 0.3164

Monochromacy



Original Color

82.4603, 0.2942, 0.3289

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.6334, 0.3061, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.4603, 0.2942, 0.3289 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, 240, 240)` looks like.

```
.text, #text, p{  
    color:rgb(211, 240, 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(211, 240, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 240, 240) }
```

Border

The CSS property to change the border of an element to Yxy 82.4603, 0.2942, 0.3289 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, 240, 240) }
```

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

```
.border{ border-color:rgb(211, 240, 240) }
```

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

Here you see how a box with a 4 pixel rgb(211, 240, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 240, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 240, 240);  
box-shadow:4px 4px 4px 4px rgb(211, 240,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 82.4603, 0.2942, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 240, 240) }
```

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

```
.background{ background-color: rgb(211,  
240, 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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