

Converting Colors

$Yxy(82.9675, 0.2817, 0.3152)$

Have a look what the booklet for
Yxy(82.9675, 0.2817, 0.3152)
contains.

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Color

Yxy(82.7629, 0.2817, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	CBF1FE
RGB	203, 241, 254
RGB Percent	80%, 95%, 100%
CMY	0.2040, 0.0549, 0.0039
CMYK	0.20, 0.05, 0.00, 0.00
HSL	195°, 96%, 90%
HSV	195°, 20%, 100%
XYZ	73.9667, 82.7629, 105.8430
YIQ	231.1200, -26.8210, -4.0130

Conversions

Conversions Part 2

Format	Color
R _Y B	203, 225, 254
Decimal	13365758
CIE Lab	92.91, -9.54, -10.34
CIE LCh	93, 14.069, 227.329
Yxy	82.7629, 0.2817, 0.3152
Android (android.graphics.Color)	4291555838 (0xFFC _B F1FE)
YUV	231.1200, 11.2798, -24.6612
Hunter-Lab	90.9741, -14.0749, -5.2985

Details

The Yxy color **82.7629, 0.2817, 0.3152** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.4725, 0.3503, 0.3424**, and the grayscale version is **79.9327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **45.0250, 0.2751, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **75.7279, 0.2668, 0.3074**, and if you desaturate by 10%, it is **90.5247, 0.2971, 0.3224**.

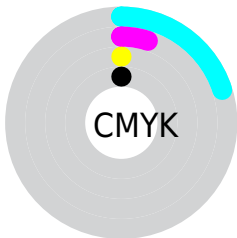
Distribution



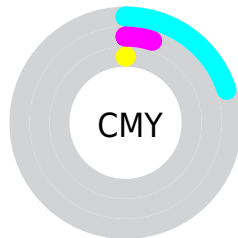
- Red (80%)
- Green (95%)
- Blue (100%)



- Red (80%)
- Yellow (88%)
- Blue (100%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.7629, 0.2817, 0.3152 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 82.7629, 0.2817, 0.3152 by changing the saturation by 10% instead.

82.7629, 0.2817,
0.3152

82.7629, 0.2817,
0.3152

504.1960, 0.2956,
0.3216

61.9946, 0.2786,
0.3137

137.2433, 0.2864,
0.3174

45.0283, 0.2749,
0.3119

171.7242, 0.2883,
0.3183

31.4797, 0.2703,
0.3097

211.5448, 0.2899,
0.3190

20.9644, 0.2643,
0.3067

257.0894, 0.2913,
0.3197

13.0980, 0.2565,
0.3027

308.7424, 0.2926,
0.3202

7.4961, 0.2456,
0.2969

366.8882, 0.2937,

3.7742, 0.2297,

0.3207

0.2881

431.9113, 0.2947,
0.3212

■ 1.5481, 0.2042,
0.2728

■ 0.3222, 0.0498,
0.2186

■ 82.7629, 0.2817,
0.3152

■ 82.7629, 0.2817,
0.3152

■ 75.7279, 0.2668,
0.3074

■ 90.5247, 0.2971,
0.3224

■ 69.3797, 0.2527,
0.2989

■ 99.0310, 0.3126,
0.3289

■ 63.6895, 0.2396,
0.2900

■ 99.9359, 0.3133,
0.3299

■ 58.6221, 0.2281,
0.2807

■ 54.1383, 0.2183,
0.2712

■ 50.1934, 0.2105,
0.2615

■ 46.7345, 0.2047,
0.2519

■ 43.7017, 0.2007,
0.2426

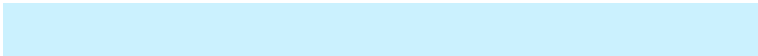
Harmonies

Analogous

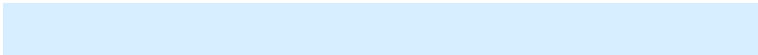
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.7629, 0.2871, 0.3295



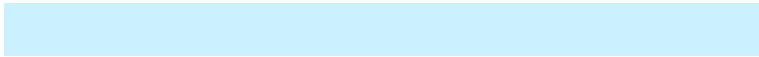
82.7629, 0.2817, 0.3152



82.7629, 0.2843, 0.3051

Triad

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



82.7629, 0.2817, 0.3152



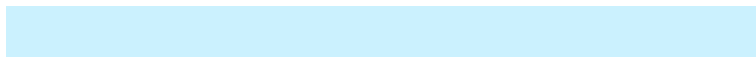
82.7629, 0.3259, 0.3145



82.7629, 0.3308, 0.3576

Complementary

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



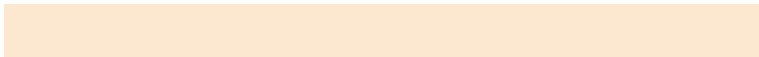
82.7629, 0.2817, 0.3152



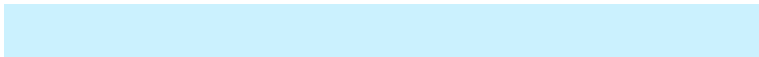
74.4725, 0.3503, 0.3424

Split Complementary

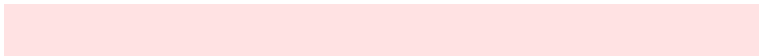
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.7629, 0.3417, 0.3526



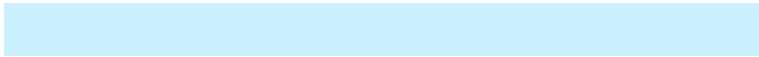
82.7629, 0.2817, 0.3152



82.7629, 0.3389, 0.3277

Square

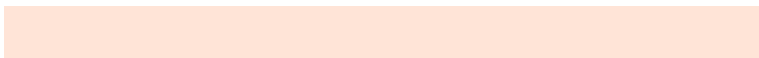
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



82.7629, 0.2817, 0.3152



82.7629, 0.3096, 0.3051



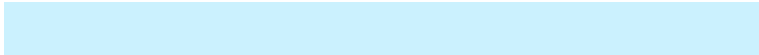
82.7629, 0.3448, 0.3415



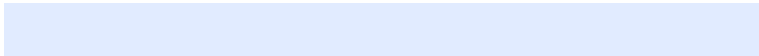
82.7629, 0.3152, 0.3546

Rectangle

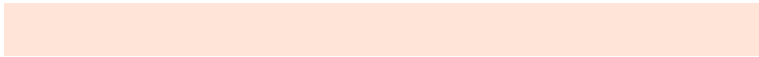
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



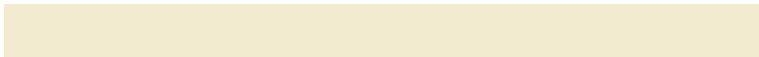
82.7629, 0.2817, 0.3152



82.7629, 0.2903, 0.3020



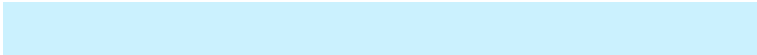
82.7629, 0.3448, 0.3415



82.7629, 0.3352, 0.3567

Sweetspot

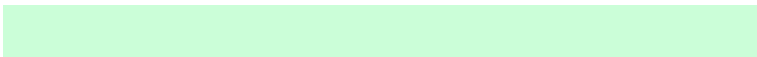
The Sweet Spot groups the original color and five complimentary colors.



82.7663, 0.2817, 0.3152



94.7532, 0.3034, 0.3252



88.5212, 0.3030, 0.3704



20.1624, 0.3024, 0.3247



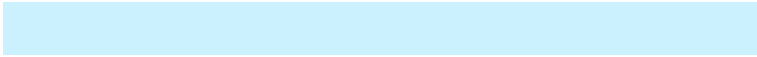
0.0000, 0.0000, 0.0000



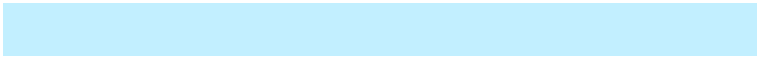
21.4041, 0.3127, 0.3290

Same Dimension

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



82.7663, 0.2817, 0.3152



80.6435, 0.2758, 0.3122



68.8205, 0.2799, 0.2875



19.6525, 0.2980, 0.3228



23.2886, 0.2012, 0.2441



2.4424, 0.2042, 0.2550

Inverse Universe

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



70.1204, 0.3242, 0.2911



66.0116, 0.3269, 0.2835



88.4369, 0.3454, 0.3673



18.2167, 0.3177, 0.3114



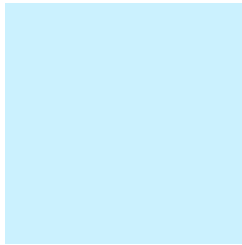
13.0790, 0.3981, 0.1967



1.2911, 0.3873, 0.1907

Previews

White Background



This preview shows how the Yxy color 82.7629, 0.2817, 0.3152 looks on a white background.

Color Contrast Check

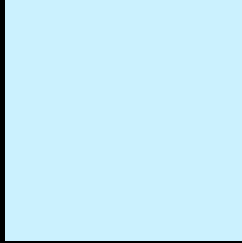
Large Text (above 18pt) WCAG AA × Fail

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 82.7629, 0.2817, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

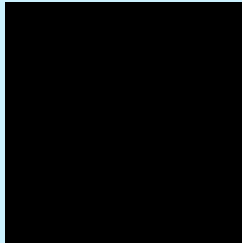
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.7629, 0.2817, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 82.7629, 0.2817, 0.3152.

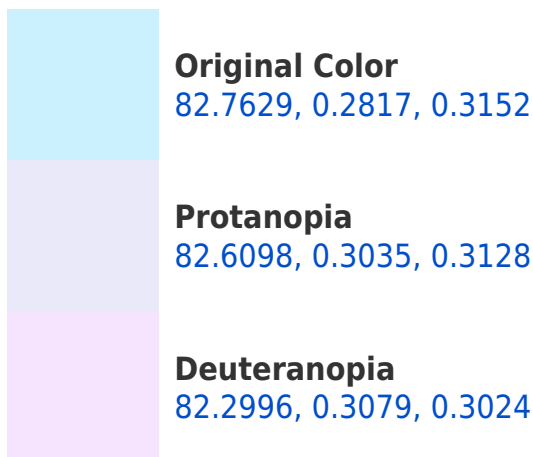


This preview shows how white text looks on a background with the Yxy color 82.7629, 0.2817, 0.3152.

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

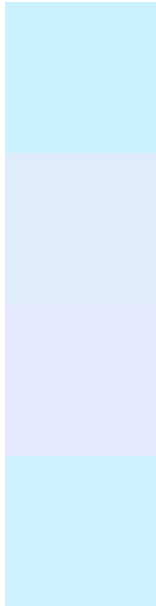




Tritanopia

82.6546, 0.2852, 0.3122

Trichromacy



Original Color

82.7629, 0.2817, 0.3152

Protanomaly

82.6439, 0.2953, 0.3135

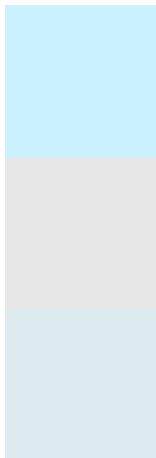
Deuteranomaly

82.3208, 0.2974, 0.3067

Tritanomaly

82.8056, 0.2835, 0.3132

Monochromacy



Original Color

82.7629, 0.2817, 0.3152

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.0208, 0.3011, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.7629, 0.2817, 0.3152 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(203, 241, 254)` looks like.

```
.text, #text, p{  
    color:rgb(203, 241, 254)  
}
```

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(203, 241, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 241, 254) }
```

Border

The CSS property to change the border of an element to Yxy 82.7629, 0.2817, 0.3152 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(203, 241, 254) }
```

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

```
.border{ border-color:rgb(203, 241, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 241, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 241, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 241, 254);  
box-shadow:4px 4px 4px 4px rgb(203, 241,  
254) }
```


Background

The CSS property to change the background color of an element to Yxy 82.7629, 0.2817, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 241, 254) }
```

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

```
.background{ background-color: rgb(203,  
241, 254) }
```

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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