

Converting Colors

Yxy(82.5942, 0.2753, 0.3161)

Have a look what the booklet for
Yxy(82.5942, 0.2753, 0.3161)
contains.

Yxy(82.5277, 0.2751, 0.3161)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(82.5277, 0.2751, 0.3161)

Conversions

Conversions Part 1

Format	Color
Hex	C0F3FF
RGB	192, 243, 255
RGB Percent	75%, 95%, 100%
CMY	0.2473, 0.0470, 0.0001
CMYK	0.25, 0.05, 0.00, 0.00
HSL	191°, 100%, 88%
HSV	191°, 25%, 100%
XYZ	71.8234, 82.5277, 106.7299
YIQ	229.1190, -34.2480, -7.0800

Conversions

Conversions Part 2

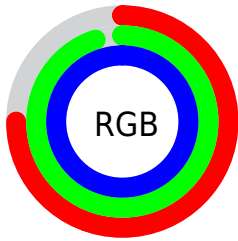
Format	Color
RYB	192, 220, 255
Decimal	12645375
CIELab	92.81, -13.58, -11.07
CIElCh	93, 17.520, 219.204
Yxy	82.5277, 0.2751, 0.3161
Android (android.graphics.Color)	4290835455 (0xFFC0F3FF)
YUV	229.1190, 12.7593, -32.5534
Hunter-Lab	90.8448, -17.8533, -6.0661

Details

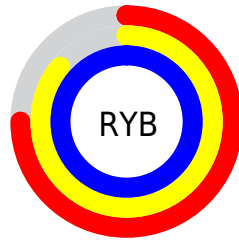
The Yxy color **82.5277, 0.2751, 0.3161** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **68.1931, 0.3621, 0.3415**, and the grayscale version is **78.3628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **44.9362, 0.2671, 0.3136** is the 20% darker color. If you saturate the color by 10%, you get **76.6308, 0.2610, 0.3101**, and if you desaturate by 10%, it is **89.0839, 0.2900, 0.3217**.

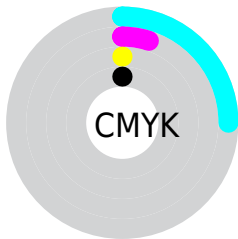
Distribution



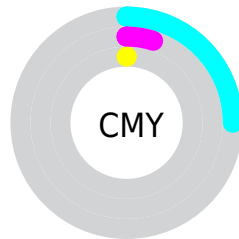
- Red (75%)
- Green (95%)
- Blue (100%)



- Red (75%)
- Yellow (86%)
- Blue (100%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 82.5277, 0.2751, 0.3161 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 82.5277, 0.2751, 0.3161 by changing the saturation by 10% instead.

82.5277, 0.2751,
0.3161

82.5277, 0.2751,
0.3161

503.4111, 0.2919,
0.3222

61.8006, 0.2714,
0.3147

136.9138, 0.2808,
0.3182

44.8716, 0.2669,
0.3129

171.3415, 0.2831,
0.3190

31.3563, 0.2613,
0.3107

211.1050, 0.2850,
0.3198

20.8703, 0.2542,
0.3078

256.5885, 0.2867,
0.3204

13.0292, 0.2448,
0.3038

308.1765, 0.2883,
0.3209

7.4487, 0.2319,
0.2980

366.2533, 0.2896,

3.7443, 0.2130,

0.3214

0.2889

431.2034, 0.2908,
0.3218

■ 1.5316, 0.1833,
0.2730

■ 0.3108, 0.0000,
0.2172

■ 82.5277, 0.2751,
0.3161

■ 82.5277, 0.2751,
0.3161

■ 76.6308, 0.2610,
0.3101

■ 89.0839, 0.2900,
0.3217

■ 71.3531, 0.2480,
0.3038

■ 96.3177, 0.3054,
0.3268

■ 66.6647, 0.2365,
0.2971

■ 99.9984, 0.3127,
0.3290

■ 62.5293, 0.2266,
0.2902

■ 58.9060, 0.2187,
0.2833

■ 55.7471, 0.2128,
0.2763

■ 52.9943, 0.2087,
0.2694

■ 51.6618, 0.2072,
0.2658

Harmonies

Analogous

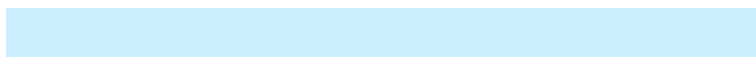
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.5277, 0.2842, 0.3347



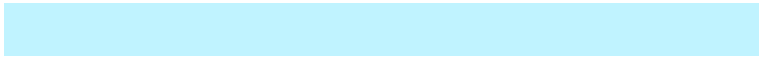
82.5277, 0.2751, 0.3161



82.5277, 0.2756, 0.3019

Triad

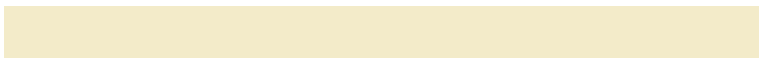
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.5277, 0.2751, 0.3161



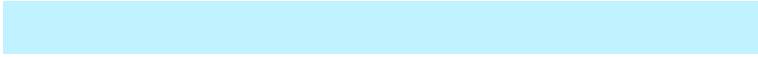
82.5277, 0.3237, 0.3073



82.5277, 0.3397, 0.3639

Complementary

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



82.5277, 0.2751, 0.3161



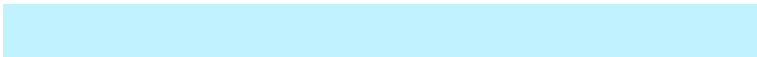
68.1931, 0.3621, 0.3415

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.



82.5277, 0.3511, 0.3550



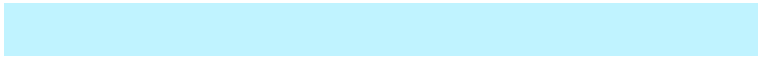
82.5277, 0.2751, 0.3161



82.5277, 0.3418, 0.3225

Square

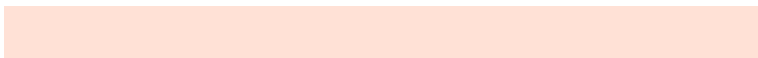
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



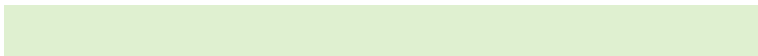
82.5277, 0.2751, 0.3161



82.5277, 0.3032, 0.2974



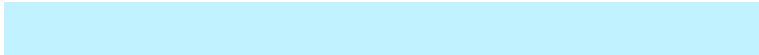
82.5277, 0.3519, 0.3398



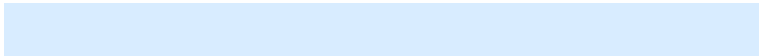
82.5277, 0.3213, 0.3631

Rectangle

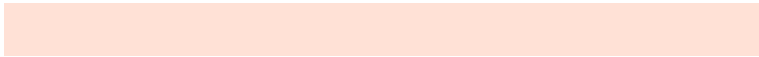
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



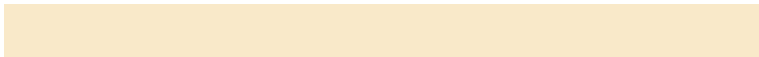
82.5277, 0.2751, 0.3161



82.5277, 0.2814, 0.2965



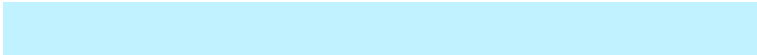
82.5277, 0.3519, 0.3398



82.5277, 0.3445, 0.3619

Sweetspot

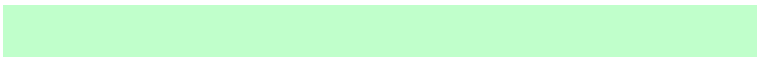
The Sweet Spot groups the original color and five complimentary colors.



82.5310, 0.2751, 0.3161



94.6296, 0.3018, 0.3256



87.0385, 0.3031, 0.3862



20.1590, 0.3009, 0.3253



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.



82.5310, 0.2751, 0.3161



79.3550, 0.2675, 0.3130



65.4540, 0.2721, 0.2814



19.8613, 0.2980, 0.3244



27.2094, 0.2075, 0.2669



2.7931, 0.2097, 0.2748

Inverse Universe

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



65.4000, 0.3244, 0.2782



59.6207, 0.3274, 0.2672



84.4831, 0.3547, 0.3724



18.2378, 0.3167, 0.3099



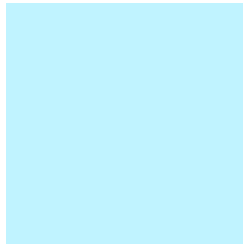
13.4748, 0.3757, 0.1843



1.3265, 0.3683, 0.1803

Previews

White Background



This preview shows how the Yxy color 82.5277, 0.2751, 0.3161 looks on a white background.

Color Contrast Check

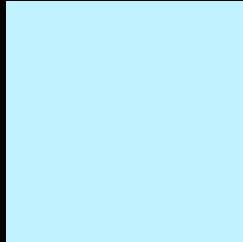
Large Text (above 18pt) WCAG AA × Fail

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 82.5277, 0.2751, 0.3161 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

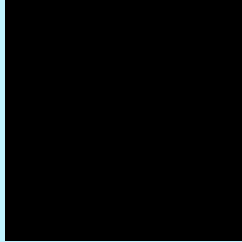
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 82.5277, 0.2751, 0.3161

Background



This preview shows how black text looks on a background with the Yxy color 82.5277, 0.2751, 0.3161.

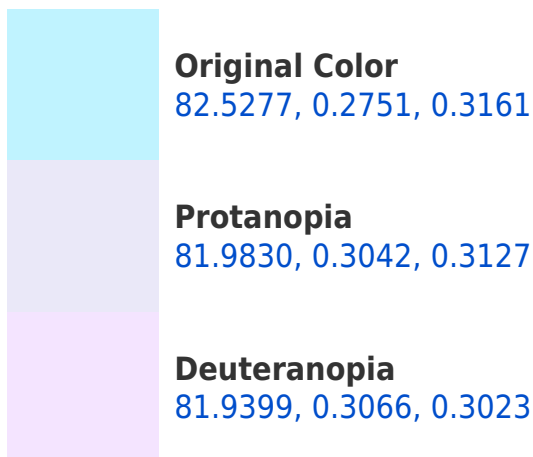


This preview shows how white text looks on a background with the Yxy color 82.5277, 0.2751, 0.3161.

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

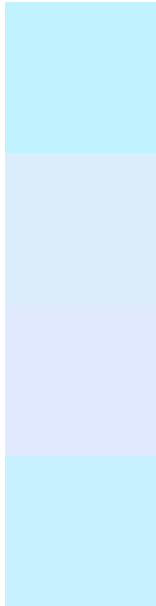




Tritanopia

82.3775, 0.2817, 0.3131

Trichromacy



Original Color

82.5277, 0.2751, 0.3161

Protanomaly

82.0160, 0.2928, 0.3134

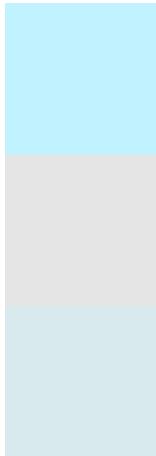
Deuteranomaly

81.5054, 0.2942, 0.3065

Tritanomaly

82.4100, 0.2795, 0.3141

Monochromacy



Original Color

82.5277, 0.2751, 0.3161

Achromatopsia

78.3538, 0.3127, 0.3290

Achromatomaly

79.6176, 0.2984, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.5277, 0.2751, 0.3161 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(192, 243, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 243, 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(192, 243, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 243, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.5277, 0.2751, 0.3161 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(192, 243, 255) }
```

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

```
.border{ border-color:rgb(192, 243, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 243, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 243, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 243, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 243,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.5277, 0.2751, 0.3161 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 243, 255) }
```

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

```
.background{ background-color: rgb(192,  
243, 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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