

Converting Colors

$Yxy(82.8499, 0.2697, 0.3189)$

Have a look what the booklet for
Yxy(82.8499, 0.2697, 0.3189)
contains.

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Color

Yxy(82.9553, 0.2695, 0.3191)

Conversions

Conversions Part 1

Format	Color
Hex	B5F6FF
RGB	181, 246, 255
RGB Percent	71%, 96%, 100%
CMY	0.2903, 0.0353, 0.0000
CMYK	0.29, 0.04, 0.00, 0.00
HSL	187°, 100%, 85%
HSV	187°, 29%, 100%
XYZ	70.0610, 82.9553, 106.9502
YIQ	227.5910, -41.6290, -10.9810

Conversions

Conversions Part 2

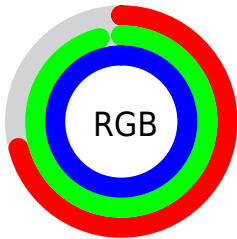
Format	Color
RYB	181, 216, 255
Decimal	11925247
CIELab	92.99, -18.14, -10.89
CIELCh	93, 21.157, 210.970
Yxy	82.9553, 0.2695, 0.3191
Android (android.graphics.Color)	4290115327 (0xFFB5F6FF)
YUV	227.5910, 13.5126, -40.8603
Hunter-Lab	91.0798, -22.0828, -5.8653

Details

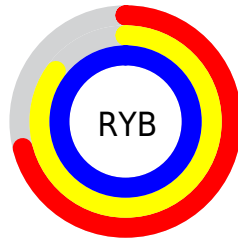
The Yxy color **82.9553, 0.2695, 0.3191** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4098, 0.3748, 0.3386**, and the grayscale version is **77.1885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.9171, 0.3023, 0.3290**, and **45.3397, 0.2606, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **78.2825, 0.2564, 0.3152**, and if you desaturate by 10%, it is **88.2266, 0.2837, 0.3228**.

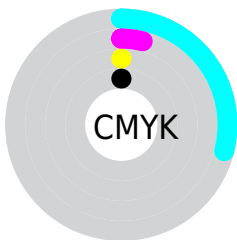
Distribution



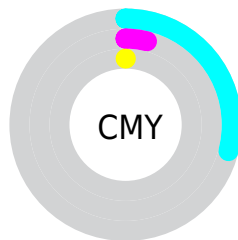
- Red (71%)
- Green (96%)
- Blue (100%)



- Red (71%)
- Yellow (85%)
- Blue (100%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 82.9553, 0.2695, 0.3191 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 82.9553, 0.2695, 0.3191 by changing the saturation by 10% instead.


 82.9553, 0.2695,
0.3191

 82.9553, 0.2695,
0.3191


504.8375, 0.2887,
0.3239

 62.1533, 0.2653,
0.3180


 137.5129, 0.2760,
0.3208

 45.1566, 0.2601,
0.3165


172.0372, 0.2786,
0.3215

 31.5808, 0.2538,
0.3147


211.9044, 0.2809,
0.3220

 21.0415, 0.2457,
0.3122

257.4989, 0.2828,
0.3225

 13.1543, 0.2351,
0.3088

309.2050, 0.2846,
0.3229

 7.5349, 0.2205,
0.3037

367.4073, 0.2861,

 3.7988, 0.1995,

0.3233

0.2956

432.4900, 0.2875,
0.3236

■ 1.5617, 0.1668,
0.2809

■ 0.3315, 0.0000,
0.2267

■ 82.9553, 0.2695,
0.3191

■ 82.9553, 0.2695,
0.3191

■ 78.2825, 0.2564,
0.3152

■ 88.2266, 0.2837,
0.3228

■ 74.1728, 0.2448,
0.3112

■ 94.1205, 0.2987,
0.3262

■ 70.5937, 0.2349,
0.3069

100.0000, 0.3127,
0.3290

■ 67.5076, 0.2268,
0.3026

■ 64.8713, 0.2207,
0.2983

■ 62.6337, 0.2165,
0.2940

■ 60.7194, 0.2139,
0.2898

■ 60.5414, 0.2137,
0.2894

Harmonies

Analogous

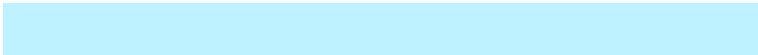
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.9553, 0.2832, 0.3421



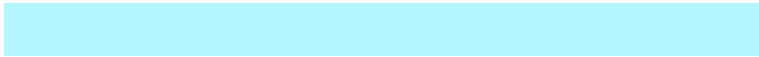
82.9553, 0.2695, 0.3191



82.9553, 0.2669, 0.3001

Triad

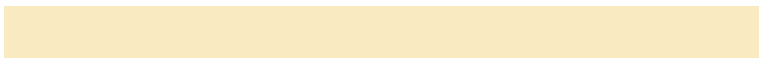
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.9553, 0.2695, 0.3191



82.9553, 0.3191, 0.2990



82.9553, 0.3500, 0.3691

Complementary

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



82.9553, 0.2695, 0.3191



61.4098, 0.3748, 0.3386

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.



82.9553, 0.3606, 0.3556



82.9553, 0.2695, 0.3191



82.9553, 0.3425, 0.3157

Square

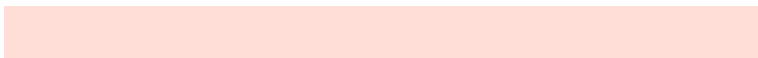
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



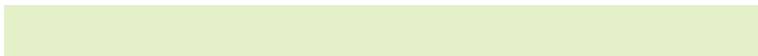
82.9553, 0.2695, 0.3191



82.9553, 0.2948, 0.2895



82.9553, 0.3579, 0.3361



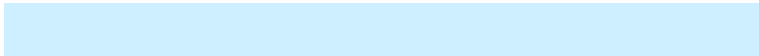
82.9553, 0.3295, 0.3719

Rectangle

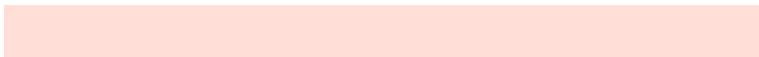
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



82.9553, 0.2695, 0.3191



82.9553, 0.2717, 0.2920



82.9553, 0.3579, 0.3361



82.9553, 0.3549, 0.3656

Sweetspot

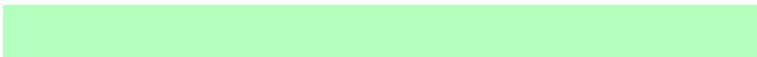
The Sweet Spot groups the original color and five complimentary colors.



82.9568, 0.2695, 0.3191



94.1380, 0.2988, 0.3262



85.0420, 0.3041, 0.4037



19.9573, 0.2965, 0.3257



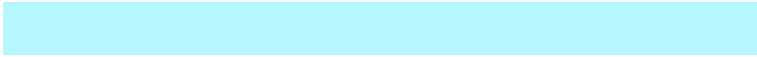
0.0000, 0.0000, 0.0000



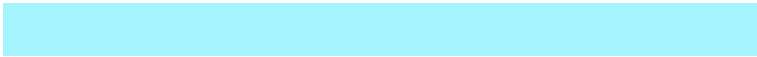
21.4041, 0.3127, 0.3290

Same Dimension

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



82.9568, 0.2695, 0.3191



80.0956, 0.2616, 0.3168



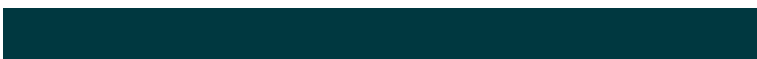
62.8156, 0.2650, 0.2775



20.0825, 0.2980, 0.3260



31.7831, 0.2139, 0.2901



3.1961, 0.2153, 0.2950

Inverse Universe

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



60.9531, 0.3229, 0.2646



54.9828, 0.3254, 0.2514



79.3285, 0.3643, 0.3755



18.2601, 0.3157, 0.3084



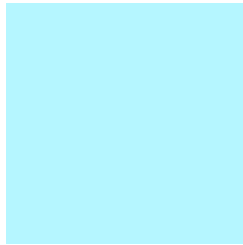
13.9365, 0.3542, 0.1725



1.3672, 0.3499, 0.1701

Previews

White Background



This preview shows how the Yxy color 82.9553, 0.2695, 0.3191 looks on a white background.

Color Contrast Check

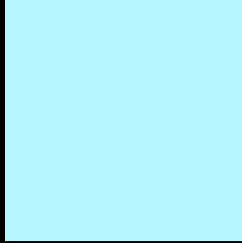
Large Text (above 18pt) WCAG AA × Fail

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 82.9553, 0.2695, 0.3191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

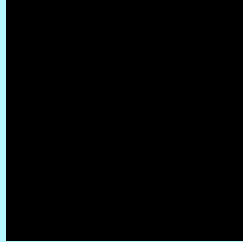
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

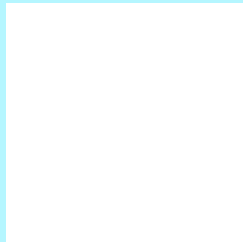
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 82.9553, 0.2695, 0.3191

Background



This preview shows how black text looks on a background with the Yxy color 82.9553, 0.2695, 0.3191.

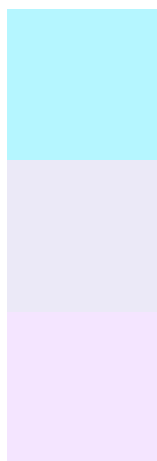


This preview shows how white text looks on a background with the Yxy color 82.9553, 0.2695, 0.3191.

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

82.9553, 0.2695, 0.3191

Protanopia

82.6554, 0.3054, 0.3148

Deuteranopia

82.4917, 0.3065, 0.3033



Tritanopia

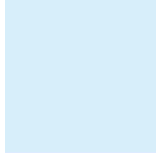
82.5481, 0.2800, 0.3141

Trichromacy



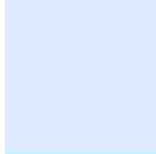
Original Color

82.9553, 0.2695, 0.3191



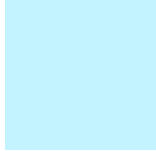
Protanomaly

82.4983, 0.2909, 0.3164



Deuteranomaly

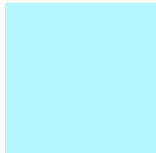
82.0088, 0.2917, 0.3084



Tritanomaly

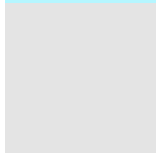
82.7905, 0.2762, 0.3161

Monochromacy



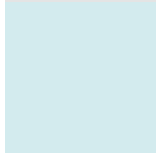
Original Color

82.9553, 0.2695, 0.3191



Achromatopsia

77.5822, 0.3127, 0.3290



Achromatomaly

79.4386, 0.2953, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 82.9553, 0.2695, 0.3191 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(181, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(181, 246, 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(181, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 82.9553, 0.2695, 0.3191 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(181, 246, 255) }
```

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

```
.border{ border-color:rgb(181, 246, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(181, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 82.9553, 0.2695, 0.3191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 246, 255) }
```

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

```
.background{ background-color: rgb(181,  
246, 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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