

Converting Colors

$Yxy(85.5084, 0.2726, 0.3226)$

Have a look what the booklet for
Yxy(85.5084, 0.2726, 0.3226)
contains.

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Color

Yxy(85.4105, 0.2725, 0.3225)

Conversions

Conversions Part 1

Format	Color
Hex	BAF9FF
RGB	186, 249, 255
RGB Percent	73%, 98%, 100%
CMY	0.2706, 0.0235, 0.0001
CMYK	0.27, 0.02, 0.00, 0.00
HSL	185°, 100%, 86%
HSV	185°, 27%, 100%
XYZ	72.1686, 85.4105, 107.2597
YIQ	230.8470, -39.4740, -11.4900

Conversions

Conversions Part 2

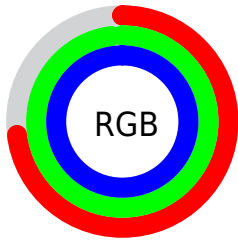
Format	Color
RYB	186, 219, 255
Decimal	12253695
CIELab	94.06, -18.25, -9.24
CIElCh	94, 20.454, 206.865
Yxy	85.4105, 0.2725, 0.3225
Android (android.graphics.Color)	4290443775 (0xFFBAF9FF)
YUV	230.8470, 11.9074, -39.3308
Hunter-Lab	92.4178, -22.3415, -4.1193

Details

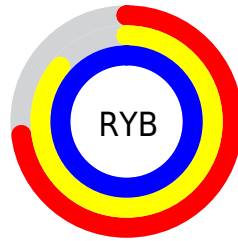
The Yxy color **85.4105, 0.2725, 0.3225** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.4738, 0.3700, 0.3354**, and the grayscale version is **79.7226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9731, 0.3060, 0.3290**, and **46.6018, 0.2641, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **81.1477, 0.2595, 0.3198**, and if you desaturate by 10%, it is **90.2658, 0.2867, 0.3251**.

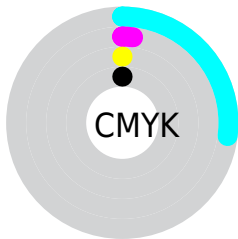
Distribution



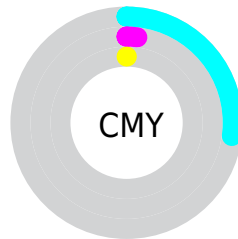
- Red (73%)
- Green (98%)
- Blue (100%)



- Red (73%)
- Yellow (86%)
- Blue (100%)



- Cyan (27%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)





- Cyan (27%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 85.4105, 0.2725, 0.3225 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 85.4105, 0.2725, 0.3225 by changing the saturation by 10% instead.


 85.4105, 0.2725,
0.3225

 85.4105, 0.2725,
0.3225

512.9854, 0.2903,
0.3257

 64.1806, 0.2686,
0.3217


 140.9466, 0.2786,
0.3237

 46.7970, 0.2639,
0.3207


176.0215, 0.2809,
0.3241

 32.8752, 0.2580,
0.3195


216.4803, 0.2830,
0.3245

 22.0309, 0.2505,
0.3178

262.7073, 0.2848,
0.3248

 13.8796, 0.2408,
0.3154

315.0870, 0.2865,
0.3251

 8.0370, 0.2274,
0.3119

374.0036, 0.2879,

 4.1186, 0.2081,

0.3253

0.3061

439.8416, 0.2892,
0.3255

1.7401, 0.1781,
0.2955

0.4494, 0.0000,
0.2817

85.4105, 0.2725,
0.3225

85.4105, 0.2725,
0.3225

81.1477, 0.2595,
0.3198

90.2658, 0.2867,
0.3251

77.4367, 0.2479,
0.3169

95.7315, 0.3018,
0.3274

74.2479, 0.2380,
0.3140

99.9978, 0.3127,
0.3290

71.5445, 0.2300,
0.3110

■ 69.2846, 0.2240,
0.3080

■ 67.4193, 0.2199,
0.3050

■ 65.8859, 0.2175,
0.3020

■ 65.4695, 0.2170,
0.3012

Harmonies

Analogous

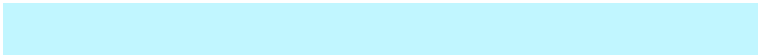
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.4105, 0.2870, 0.3445



85.4105, 0.2725, 0.3225



85.4105, 0.2685, 0.3034

Triad

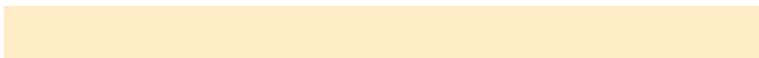
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.4105, 0.2725, 0.3225



85.4105, 0.3156, 0.2985



85.4105, 0.3505, 0.3662

Complementary

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



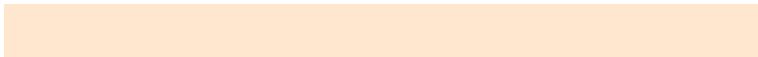
85.4105, 0.2725, 0.3225



62.4738, 0.3700, 0.3354

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.



85.4105, 0.3590, 0.3522



85.4105, 0.2725, 0.3225



85.4105, 0.3385, 0.3138

Square

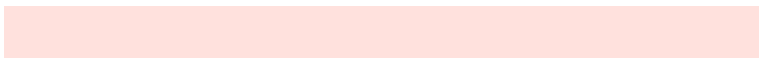
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.4105, 0.2725, 0.3225



85.4105, 0.2927, 0.2906



85.4105, 0.3546, 0.3331



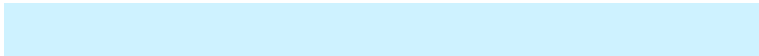
85.4105, 0.3319, 0.3704

Rectangle

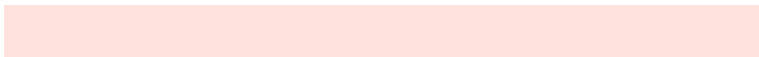
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.4105, 0.2725, 0.3225



85.4105, 0.2721, 0.2948



85.4105, 0.3546, 0.3331



85.4105, 0.3547, 0.3624

Sweetspot

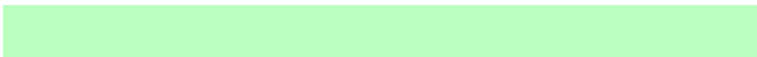
The Sweet Spot groups the original color and five complimentary colors.



85.4139, 0.2725, 0.3225



95.2156, 0.3003, 0.3272



85.7304, 0.3060, 0.4006



20.1973, 0.2980, 0.3269



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.



85.4139, 0.2725, 0.3225



83.2572, 0.2659, 0.3212



66.1195, 0.2687, 0.2842



20.1973, 0.2980, 0.3269



34.3309, 0.2171, 0.3017



3.4183, 0.2181, 0.3050

Inverse Universe

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



63.2078, 0.3203, 0.2668



58.0753, 0.3219, 0.2554



79.3142, 0.3609, 0.3700



18.2717, 0.3151, 0.3076



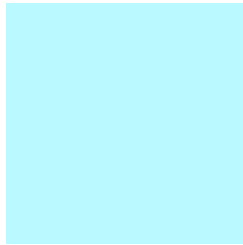
14.1937, 0.3439, 0.1668



1.3896, 0.3410, 0.1652

Previews

White Background



This preview shows how the Yxy color 85.4105, 0.2725, 0.3225 looks on a white background.

Color Contrast Check

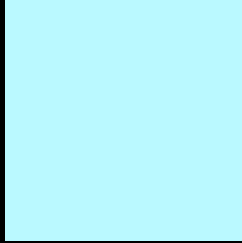
Large Text (above 18pt) WCAG AA × Fail

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 85.4105, 0.2725, 0.3225 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 85.4105, 0.2725, 0.3225

Background



This preview shows how black text looks on a background with the Yxy color 85.4105, 0.2725, 0.3225.

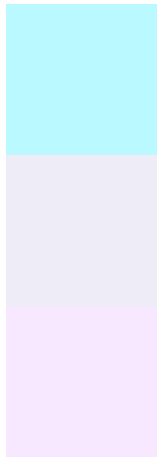


This preview shows how white text looks on a background with the Yxy color 85.4105, 0.2725, 0.3225.

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

85.4105, 0.2725, 0.3225

Protanopia

84.8834, 0.3073, 0.3179

Deuteranopia

84.8897, 0.3091, 0.3065



Tritanopia

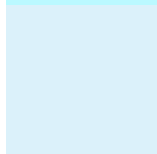
85.1701, 0.2860, 0.3165

Trichromacy



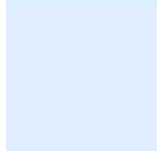
Original Color

85.4105, 0.2725, 0.3225



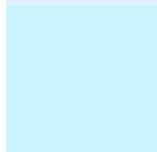
Protanomaly

84.8728, 0.2935, 0.3197



Deuteranomaly

84.3766, 0.2943, 0.3116



Tritanomaly

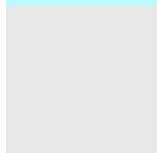
85.0814, 0.2809, 0.3184

Monochromacy



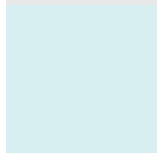
Original Color

85.4105, 0.2725, 0.3225



Achromatopsia

79.9103, 0.3127, 0.3290



Achromatomaly

81.8874, 0.2967, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 85.4105, 0.2725, 0.3225 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(186, 249, 255)` looks like.

```
.text, #text, p{  
    color:rgb(186, 249, 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(186, 249, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 249, 255) }
```

Border

The CSS property to change the border of an element to Yxy 85.4105, 0.2725, 0.3225 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(186, 249, 255) }
```

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

```
.border{ border-color:rgb(186, 249, 255) }
```

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

Here you see how a box with a 4 pixel rgb(186, 249, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 249, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 249, 255);  
box-shadow:4px 4px 4px 4px rgb(186, 249,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 85.4105, 0.2725, 0.3225 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 249, 255) }
```

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

```
.background{ background-color: rgb(186,  
249, 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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