

Converting Colors

$Yxy(84.5200, 0.2751, 0.3198)$

Have a look what the booklet for
Yxy(84.5200, 0.2751, 0.3198)
contains.

Yxy(84.2079, 0.2749, 0.3193)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(84.2079, 0.2749, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	BFF6FF
RGB	191, 246, 255
RGB Percent	75%, 96%, 100%
CMY	0.2508, 0.0353, 0.0001
CMYK	0.25, 0.04, 0.00, 0.00
HSL	188°, 100%, 87%
HSV	188°, 25%, 100%
XYZ	72.4984, 84.2079, 107.0202
YIQ	230.5810, -35.6690, -8.8610

Conversions

Conversions Part 2

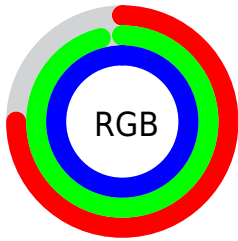
Format	Color
R _Y B	191, 221, 255
Decimal	12580607
CIE Lab	93.54, -15.32, -9.99
CIE LCh	94, 18.285, 213.115
Yxy	84.2079, 0.2749, 0.3193
Android (android.graphics.Color)	4290770687 (0xFFBFF6FF)
YUV	230.5810, 12.0386, -34.7125
Hunter-Lab	91.7649, -19.5653, -4.9112

Details

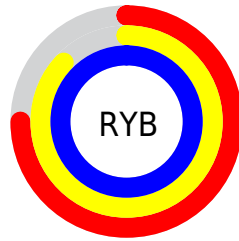
The Yxy color **84.2079, 0.2749, 0.3193** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **66.3459, 0.3638, 0.3385**, and the grayscale version is **79.5210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6965, 0.3084, 0.3290**, and **46.1384, 0.2670, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **79.0285, 0.2612, 0.3149**, and if you desaturate by 10%, it is **90.0117, 0.2895, 0.3234**.

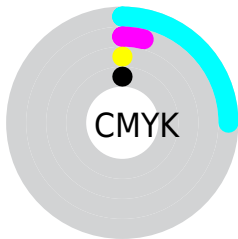
Distribution



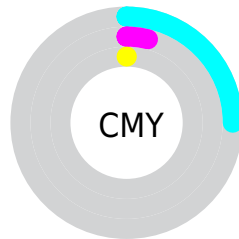
- Red (75%)
- Green (96%)
- Blue (100%)



- Red (75%)
- Yellow (87%)
- Blue (100%)



- Cyan (25%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)




- Cyan (25%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.2079, 0.2749, 0.3193 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 84.2079, 0.2749, 0.3193 by changing the saturation by 10% instead.


 84.2079, 0.2749,
0.3193

 84.2079, 0.2749,
0.3193


509.0034, 0.2917,
0.3239

 63.1871, 0.2712,
0.3182

 139.2660, 0.2806,
0.3209

 45.9926, 0.2667,
0.3169


174.0720, 0.2829,
0.3216

 32.2400, 0.2612,
0.3151


214.2419, 0.2848,
0.3221

 21.5449, 0.2541,
0.3129

260.1601, 0.2866,
0.3226

 13.5229, 0.2447,
0.3097

312.2109, 0.2881,
0.3230

 7.7896, 0.2320,
0.3051

370.7788, 0.2894,

 3.9606, 0.2134,

0.3233

0.2978

436.2482, 0.2906,
0.3236

1.6515, 0.1843,
0.2849

0.3920, 0.0000,
0.2568

84.2079, 0.2749,
0.3193

84.2079, 0.2749,
0.3193

79.0285, 0.2612,
0.3149

90.0117, 0.2895,
0.3234

74.4331, 0.2488,
0.3102

96.4575, 0.3048,
0.3272

70.3925, 0.2379,
0.3054

99.9986, 0.3127,
0.3290

66.8704, 0.2288,
0.3004

■ 63.8262, 0.2216,
0.2953

■ 61.2122, 0.2165,
0.2903

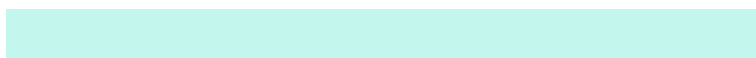
■ 58.9699, 0.2131,
0.2853

■ 57.9601, 0.2119,
0.2829

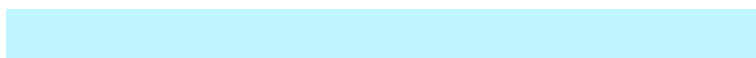
Harmonies

Analogous

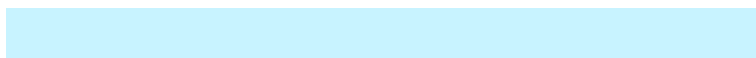
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2079, 0.2862, 0.3389



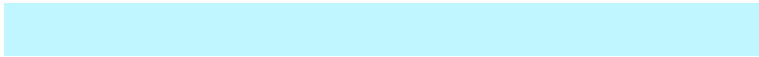
84.2079, 0.2749, 0.3193



84.2079, 0.2734, 0.3033

Triad

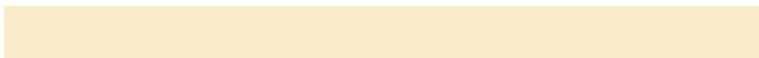
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.2079, 0.2749, 0.3193



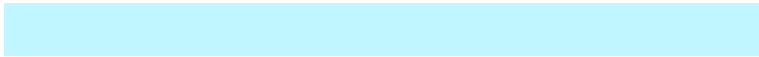
84.2079, 0.3198, 0.3039



84.2079, 0.3438, 0.3640

Complementary

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



84.2079, 0.2749, 0.3193



66.3459, 0.3638, 0.3385

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.



84.2079, 0.3536, 0.3531



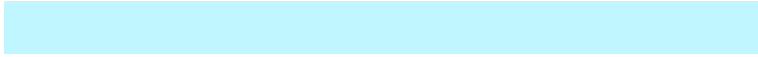
84.2079, 0.2749, 0.3193



84.2079, 0.3395, 0.3188

Square

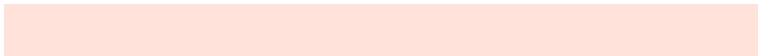
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2079, 0.2749, 0.3193



84.2079, 0.2987, 0.2952



84.2079, 0.3521, 0.3366



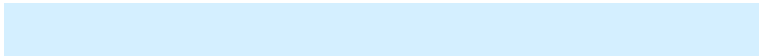
84.2079, 0.3258, 0.3655

Rectangle

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



84.2079, 0.2749, 0.3193



84.2079, 0.2780, 0.2966



84.2079, 0.3521, 0.3366



84.2079, 0.3482, 0.3613

Sweetspot

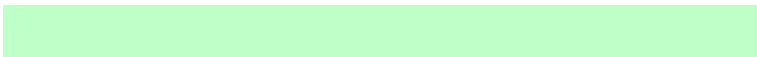
The Sweet Spot groups the original color and five complimentary colors.



84.2113, 0.2749, 0.3193



94.5189, 0.3003, 0.3261



86.7399, 0.3047, 0.3908



20.0205, 0.2980, 0.3256



0.0000, 0.0000, 0.0000



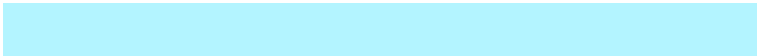
21.4041, 0.3127, 0.3290

Same Dimension

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



84.2113, 0.2749, 0.3193



81.5967, 0.2680, 0.3172



66.6458, 0.2718, 0.2843



20.0205, 0.2980, 0.3256



30.4587, 0.2122, 0.2837



3.0800, 0.2137, 0.2894

Inverse Universe

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



65.1954, 0.3222, 0.2746



59.8470, 0.3244, 0.2637



82.4743, 0.3561, 0.3700



18.2539, 0.3160, 0.3088



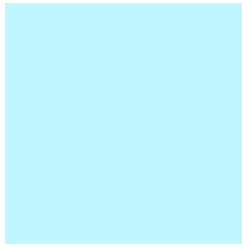
13.8028, 0.3600, 0.1757



1.3555, 0.3549, 0.1729

Previews

White Background



This preview shows how the Yxy color 84.2079, 0.2749, 0.3193 looks on a white background.

Color Contrast Check

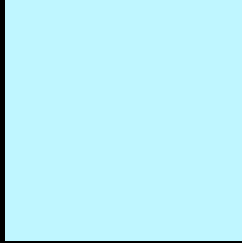
Large Text (above 18pt) WCAG AA × Fail

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 84.2079, 0.2749, 0.3193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

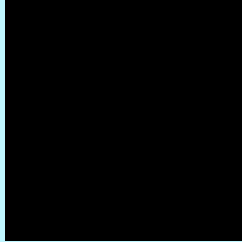
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2079, 0.2749, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 84.2079, 0.2749, 0.3193.

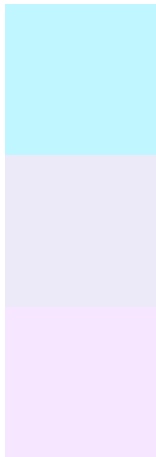


This preview shows how white text looks on a background with the Yxy color 84.2079, 0.2749, 0.3193.

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

84.2079, 0.2749, 0.3193

Protanopia

83.4558, 0.3054, 0.3149

Deuteranopia

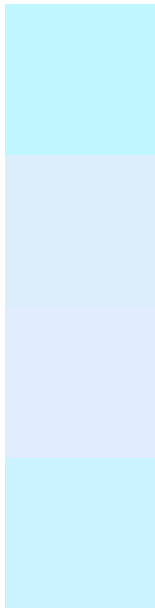
83.4065, 0.3078, 0.3044



Tritanopia

84.2796, 0.2847, 0.3154

Trichromacy



Original Color

84.2079, 0.2749, 0.3193

Protanomaly

83.3297, 0.2935, 0.3155

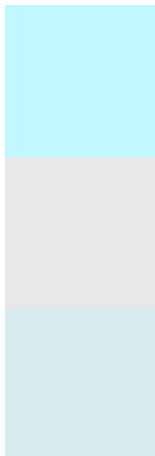
Deuteranomaly

83.3797, 0.2949, 0.3096

Tritanomaly

83.8777, 0.2808, 0.3163

Monochromacy



Original Color

84.2079, 0.2749, 0.3193

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.8811, 0.2973, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2079, 0.2749, 0.3193 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(191, 246, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 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(191, 246, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 246, 255) }
```

Border

The CSS property to change the border of an element to Yxy 84.2079, 0.2749, 0.3193 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(191, 246, 255) }
```

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

```
.border{ border-color:rgb(191, 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(191, 246, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 246, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 246, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 246,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2079, 0.2749, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 246, 255) }
```

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

```
.background{ background-color: rgb(191,  
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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