

Converting Colors

$Yxy(89.0372, 0.2326, 0.2276)$

Have a look what the booklet for
Yxy(89.0372, 0.2326, 0.2276)
contains.

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Color

Yxy(81.3371, 0.2749, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	C0F1FF
RGB	192, 241, 255
RGB Percent	75%, 95%, 100%
CMY	0.2473, 0.0548, 0.0000
CMYK	0.25, 0.05, 0.00, 0.00
HSL	193°, 100%, 88%
HSV	193°, 25%, 100%
XYZ	71.2315, 81.3371, 106.5493
YIQ	227.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

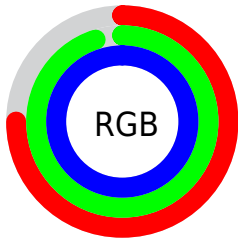
Format	Color
R _Y B	192, 220, 255
Decimal	12644863
CIE Lab	92.28, -12.56, -11.87
CIE LCh	92, 17.284, 223.368
Yxy	81.3371, 0.2749, 0.3139
Android (android.graphics.Color)	4290834943 (0xFFC0F1FF)
YUV	227.9450, 13.3381, -31.5238
Hunter-Lab	90.1871, -16.8446, -6.9157

Details

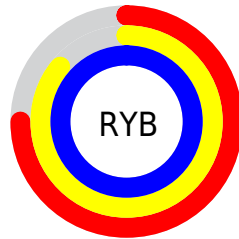
The Yxy color **81.3371, 0.2749, 0.3139** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **69.1670, 0.3616, 0.3436**, and the grayscale version is **77.4541, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **44.0935, 0.2668, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **75.0010, 0.2606, 0.3069**, and if you desaturate by 10%, it is **88.3602, 0.2899, 0.3204**.

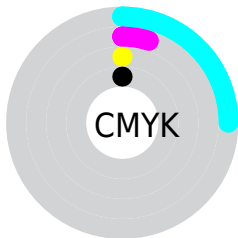
Distribution



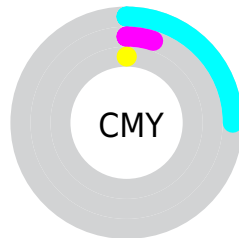
- Red (75%)
- Green (95%)
- Blue (100%)



- 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 81.3371, 0.2749, 0.3139 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 81.3371, 0.2749, 0.3139 by changing the saturation by 10% instead.

 81.3371, 0.2749,
0.3139

 81.3371, 0.2749,
0.3139

499.4276, 0.2918,
0.3210

 60.8193, 0.2712,
0.3123


 135.2440, 0.2807,
0.3164

 44.0793, 0.2666,
0.3102


169.4019, 0.2829,
0.3173

 30.7329, 0.2610,
0.3077


208.8752, 0.2849,
0.3182

 20.3955, 0.2537,
0.3043

254.0484, 0.2866,
0.3189

 12.6829, 0.2442,
0.2997

305.3058, 0.2882,
0.3195

 7.2105, 0.2311,
0.2930

363.0319, 0.2895,

 3.5941, 0.2119,

0.3201

0.2827

427.6110, 0.2907,
0.3205

1.4492, 0.1815,
0.2646

0.2526, 0.0000,
0.1851

81.3371, 0.2749,
0.3139

81.3371, 0.2749,
0.3139

75.0010, 0.2606,
0.3069

88.3602, 0.2899,
0.3204

69.3115, 0.2472,
0.2994

96.0889, 0.3054,
0.3264

64.2383, 0.2353,
0.2915

99.9998, 0.3127,
0.3290

59.7448, 0.2250,
0.2834

■ 55.7896, 0.2166,
0.2751

■ 52.3248, 0.2102,
0.2669

■ 49.2914, 0.2058,
0.2587

■ 47.8222, 0.2040,
0.2544

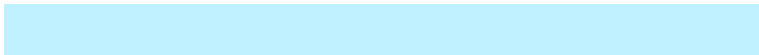
Harmonies

Analogous

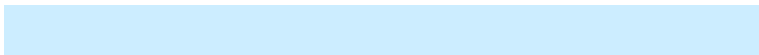
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3371, 0.2827, 0.3320



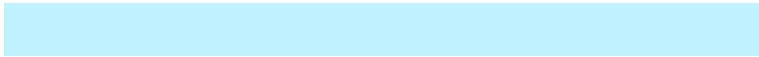
81.3371, 0.2749, 0.3139



81.3371, 0.2768, 0.3007

Triad

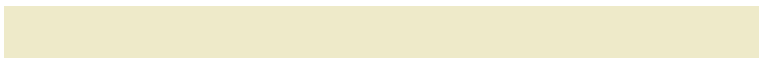
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



81.3371, 0.2749, 0.3139



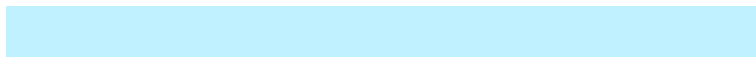
81.3371, 0.3264, 0.3093



81.3371, 0.3372, 0.3641

Complementary

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



81.3371, 0.2749, 0.3139



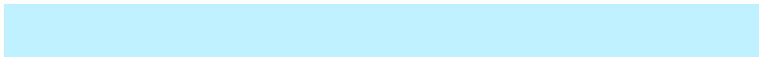
69.1670, 0.3616, 0.3436

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.



81.3371, 0.3497, 0.3565



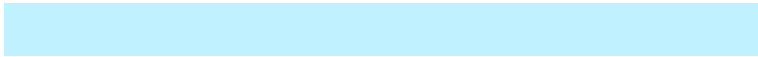
81.3371, 0.2749, 0.3139



81.3371, 0.3435, 0.3250

Square

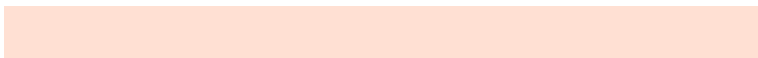
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.3371, 0.2749, 0.3139



81.3371, 0.3060, 0.2986



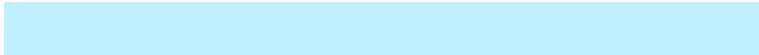
81.3371, 0.3521, 0.3421



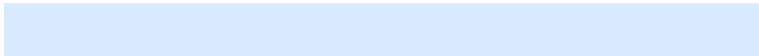
81.3371, 0.3184, 0.3619

Rectangle

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



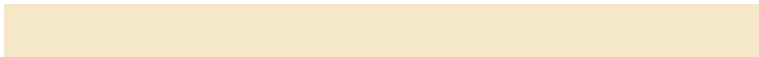
81.3371, 0.2749, 0.3139



81.3371, 0.2834, 0.2962



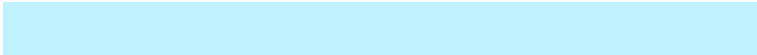
81.3371, 0.3521, 0.3421



81.3371, 0.3423, 0.3625

Sweetspot

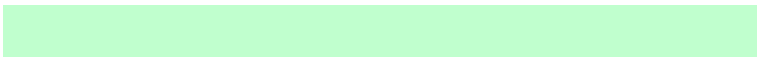
The Sweet Spot groups the original color and five complimentary colors.



81.3404, 0.2749, 0.3139



94.2715, 0.3018, 0.3251



87.1541, 0.3020, 0.3838



20.0759, 0.3009, 0.3247



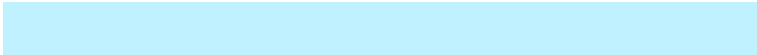
0.0000, 0.0000, 0.0000



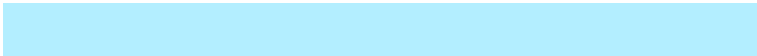
21.4041, 0.3127, 0.3290

Same Dimension

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



81.3404, 0.2749, 0.3139



77.9172, 0.2672, 0.3103



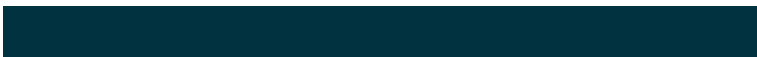
64.4170, 0.2718, 0.2790



19.7580, 0.2980, 0.3236



25.2209, 0.2044, 0.2557



2.6160, 0.2070, 0.2651

Inverse Universe

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



65.2853, 0.3259, 0.2801



59.4756, 0.3293, 0.2694



85.7072, 0.3542, 0.3745



18.2274, 0.3172, 0.3107



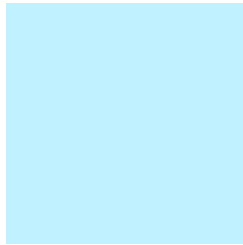
13.2740, 0.3866, 0.1903



1.3086, 0.3775, 0.1853

Previews

White Background



This preview shows how the Yxy color 81.3371, 0.2749, 0.3139 looks on a white background.

Color Contrast Check

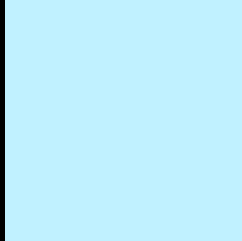
Large Text (above 18pt) WCAG AA × Fail

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 81.3371, 0.2749, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

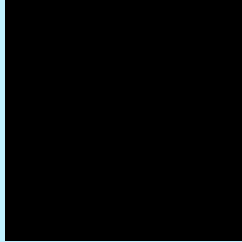
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.3371, 0.2749, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 81.3371, 0.2749, 0.3139.

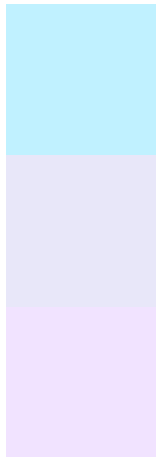


This preview shows how white text looks on a background with the Yxy color 81.3371, 0.2749, 0.3139.

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

81.3371, 0.2749, 0.3139

Protanopia

81.1472, 0.3022, 0.3106

Deuteranopia

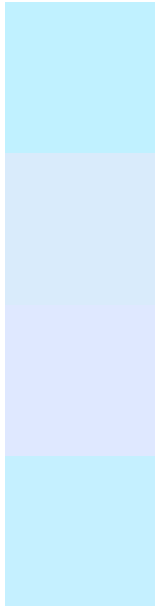
80.8589, 0.3046, 0.3011



Tritanopia

81.2324, 0.2793, 0.3119

Trichromacy



Original Color

81.3371, 0.2749, 0.3139

Protanomaly

81.1334, 0.2915, 0.3123

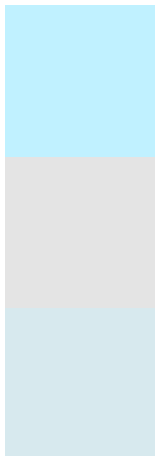
Deuteranomaly

80.6212, 0.2929, 0.3053

Tritanomaly

81.4105, 0.2777, 0.3129

Monochromacy



Original Color

81.3371, 0.2749, 0.3139

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

78.8979, 0.2978, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3371, 0.2749, 0.3139 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, 241, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 241, 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, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 241, 255) }
```

Border

The CSS property to change the border of an element to Yxy 81.3371, 0.2749, 0.3139 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, 241, 255) }
```

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

```
.border{ border-color:rgb(192, 241, 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, 241, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 241,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3371, 0.2749, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 241, 255) }
```

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

```
.background{ background-color: rgb(192,  
241, 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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