

Converting Colors

$Yxy(75.8096, 0.2813, 0.3064)$

Have a look what the booklet for
Yxy(75.8096, 0.2813, 0.3064)
contains.

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Color

Yxy(75.9762, 0.2814, 0.3063)

Conversions

Conversions Part 1

Format	Color
Hex	C9E6FB
RGB	201, 230, 251
RGB Percent	79%, 90%, 98%
CMY	0.2117, 0.0980, 0.0156
CMYK	0.20, 0.08, 0.00, 0.02
HSL	205°, 86%, 89%
HSV	205°, 20%, 98%
XYZ	69.7999, 75.9762, 102.2690
YIQ	223.7230, -24.0250, 0.3830

Conversions

Conversions Part 2

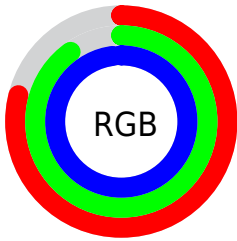
Format	Color
R _Y B	201, 219, 251
Decimal	13231867
CIE Lab	89.85, -5.14, -13.37
CIE LCh	90, 14.323, 248.969
Yxy	75.9762, 0.2814, 0.3063
Android (android.graphics.Color)	4291421947 (0xFFC9E6FB)
YUV	223.7230, 13.4476, -19.9281
Hunter-Lab	87.1643, -9.5975, -8.5493

Details

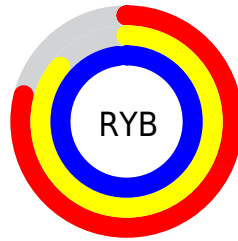
The Yxy color **75.9762, 0.2814, 0.3063** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9862, 0.3483, 0.3507**, and the grayscale version is **74.2515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.6660, 0.2744, 0.3023** is the 20% darker color. If you saturate the color by 10%, you get **67.0847, 0.2654, 0.2931**, and if you desaturate by 10%, it is **85.7977, 0.2973, 0.3183**.

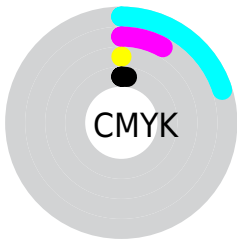
Distribution



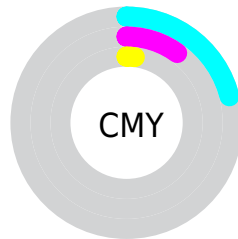
- Red (79%)
- Green (90%)
- Blue (98%)



- Red (79%)
- Yellow (86%)
- Blue (98%)



- Cyan (20%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (21%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.9762, 0.2814, 0.3063 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 75.9762, 0.2814, 0.3063 by changing the saturation by 10% instead.

■ 75.9762, 0.2814,
0.3063

■ 75.9762, 0.2814,
0.3063

481.2662, 0.2956,
0.3168

■ 56.4130, 0.2782,
0.3039

127.6933, 0.2863,
0.3099

■ 40.5341, 0.2743,
0.3010

160.6159, 0.2882,
0.3114

■ 27.9553, 0.2694,
0.2972

198.7605, 0.2899,
0.3126

■ 18.2919, 0.2631,
0.2924

242.5114, 0.2913,
0.3136

■ 11.1598, 0.2546,
0.2858

292.2530, 0.2926,
0.3146

■ 6.1744, 0.2427,
0.2764

348.3698, 0.2937,

■ 2.9514, 0.2249,

0.3154

0.2619

411.2460, 0.2947,
0.3161

■ 1.1064, 0.1956,
0.2371

■ 0.0000, 0.0000,
0.0000

■ 75.9762, 0.2814,
0.3063

■ 75.9762, 0.2814,
0.3063

■ 67.0847, 0.2654,
0.2931

■ 85.7977, 0.2973,
0.3183

■ 59.0802, 0.2497,
0.2788

■ 96.5717, 0.3128,
0.3291

■ 51.9293, 0.2347,
0.2635

■ 99.7464, 0.3150,
0.3328

■ 45.5929, 0.2208,
0.2475

■ 40.0275, 0.2085,
0.2310

■ 35.1844, 0.1982,
0.2145

■ 31.0063, 0.1901,
0.1982

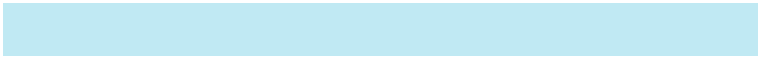
■ 27.4045, 0.1841,
0.1825

■ 27.3789, 0.1840,
0.1824

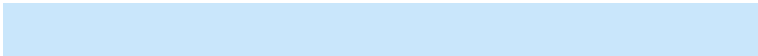
Harmonies

Analogous

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



75.9762, 0.2810, 0.3184



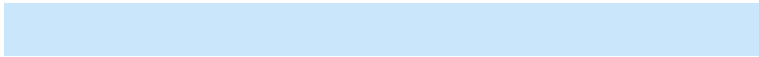
75.9762, 0.2814, 0.3063



75.9762, 0.2899, 0.3006

Triad

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



75.9762, 0.2814, 0.3063



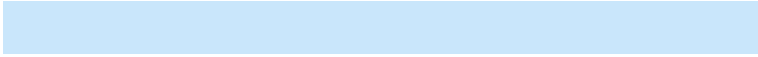
75.9762, 0.3370, 0.3235



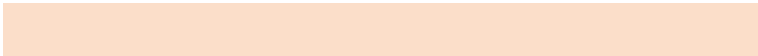
75.9762, 0.3201, 0.3576

Complementary

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



75.9762, 0.2814, 0.3063



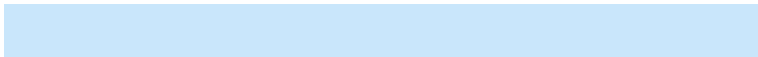
76.9862, 0.3483, 0.3507

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.



75.9762, 0.3355, 0.3583



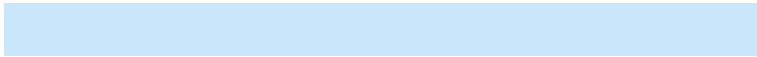
75.9762, 0.2814, 0.3063



75.9762, 0.3455, 0.3382

Square

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



75.9762, 0.2814, 0.3063



75.9762, 0.3219, 0.3106



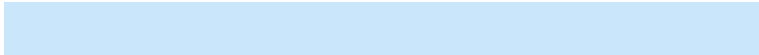
75.9762, 0.3449, 0.3509



75.9762, 0.3030, 0.3486

Rectangle

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



75.9762, 0.2814, 0.3063



75.9762, 0.2992, 0.3009



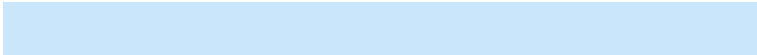
75.9762, 0.3449, 0.3509



75.9762, 0.3257, 0.3588

Sweetspot

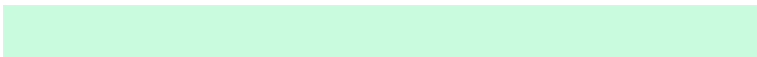
The Sweet Spot groups the original color and five complimentary colors.



75.9793, 0.2814, 0.3063



93.1787, 0.3034, 0.3227



86.6915, 0.2985, 0.3606



19.7898, 0.3024, 0.3219



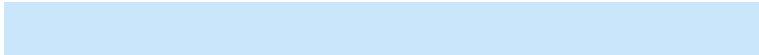
0.0000, 0.0000, 0.0000



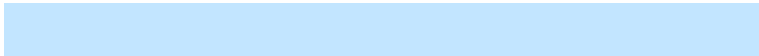
21.4041, 0.3127, 0.3290

Same Dimension

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



75.9793, 0.2814, 0.3063



74.8568, 0.2749, 0.3010



63.1304, 0.2796, 0.2786



18.3147, 0.2980, 0.3188



14.6835, 0.1847, 0.1850



1.5696, 0.1900, 0.2038

Inverse Universe

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



68.0024, 0.3302, 0.2996



65.4274, 0.3347, 0.2932



91.1622, 0.3436, 0.3749



17.3940, 0.3203, 0.3153



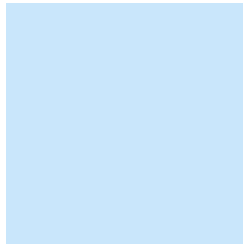
11.8932, 0.4626, 0.2322



1.1227, 0.4410, 0.2203

Previews

White Background



This preview shows how the Yxy color 75.9762, 0.2814, 0.3063 looks on a white background.

Color Contrast Check

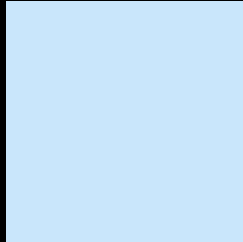
Large Text (above 18pt) WCAG AA × Fail

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 75.9762, 0.2814, 0.3063 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

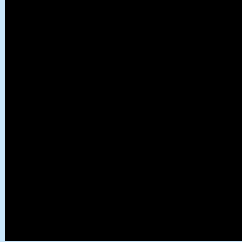
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

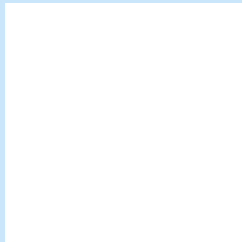
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.9762, 0.2814, 0.3063

Background



This preview shows how black text looks on a background with the Yxy color 75.9762, 0.2814, 0.3063.

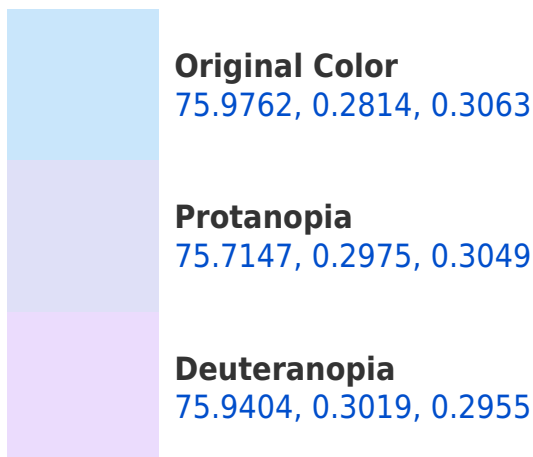


This preview shows how white text looks on a background with the Yxy color 75.9762, 0.2814, 0.3063.

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

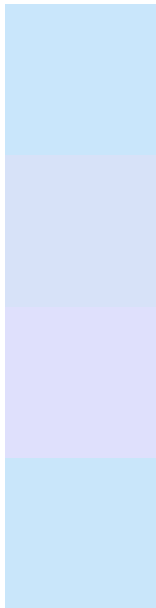




Tritanopia

75.8507, 0.2825, 0.3084

Trichromacy



Original Color

75.9762, 0.2814, 0.3063

Protanomaly

75.6171, 0.2917, 0.3057

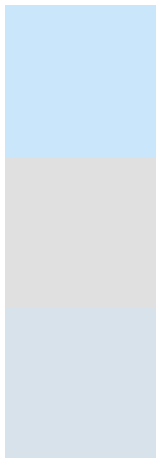
Deuteranomaly

76.0276, 0.2945, 0.2999

Tritanomaly

75.9133, 0.2820, 0.3074

Monochromacy



Original Color

75.9762, 0.2814, 0.3063

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9322, 0.3008, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9762, 0.2814, 0.3063 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(201, 230, 251)` looks like.

```
.text, #text, p{  
    color:rgb(201, 230, 251)  
}
```

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(201, 230, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 230, 251) }
```

Border

The CSS property to change the border of an element to Yxy 75.9762, 0.2814, 0.3063 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(201, 230, 251) }
```

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

```
.border{ border-color:rgb(201, 230, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 230, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 230, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 230, 251);  
box-shadow:4px 4px 4px 4px rgb(201, 230,  
251) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9762, 0.2814, 0.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 230, 251) }
```

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

```
.background{ background-color: rgb(201,  
230, 251) }
```

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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