

Converting Colors

$Yxy(76.2893, 0.2793, 0.3048)$

Have a look what the booklet for
Yxy(76.2893, 0.2793, 0.3048)
contains.

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Color

Yxy(76.3858, 0.2792, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	C7E7FD
RGB	199, 231, 253
RGB Percent	78%, 91%, 99%
CMY	0.2196, 0.0941, 0.0080
CMYK	0.21, 0.09, 0.00, 0.01
HSL	204°, 93%, 89%
HSV	204°, 21%, 99%
XYZ	69.8556, 76.3858, 103.9577
YIQ	223.9400, -26.1340, 0.0580

Conversions

Conversions Part 2

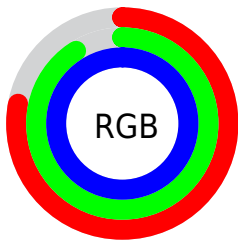
Format	Color
R _{YB}	199, 219, 253
Decimal	13101053
CIE Lab	90.04, -5.84, -14.11
CIE LCh	90, 15.273, 247.526
Yxy	76.3858, 0.2792, 0.3053
Android (android.graphics.Color)	4291291133 (0xFFC7E7FD)
YUV	223.9400, 14.3266, -21.8724
Hunter-Lab	87.3990, -10.2780, -9.3439

Details

The Yxy color **76.3858, 0.2792, 0.3053** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.6955, 0.3514, 0.3516**, and the grayscale version is **74.4079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5748, 0.2716, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **67.6167, 0.2633, 0.2924**, and if you desaturate by 10%, it is **86.0752, 0.2951, 0.3171**.

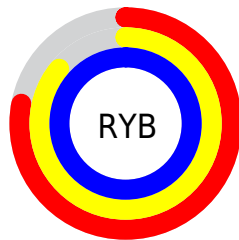
Distribution



Red (78%)

Green (91%)

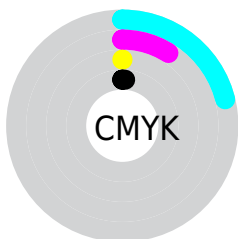
Blue (99%)



Red (78%)

Yellow (86%)

Blue (99%)

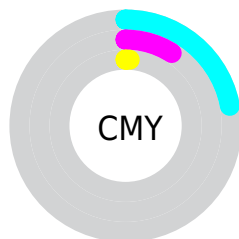


Cyan (21%)

Magenta (9%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (9%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.3858, 0.2792, 0.3053 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 76.3858, 0.2792, 0.3053 by changing the saturation by 10% instead.

■ 76.3858, 0.2792,
0.3053

■ 76.3858, 0.2792,
0.3053

482.6673, 0.2944,
0.3163

■ 56.7489, 0.2758,
0.3028

128.2721, 0.2844,
0.3091

■ 40.8037, 0.2716,
0.2997

161.2903, 0.2865,
0.3106

■ 28.1657, 0.2664,
0.2958

199.5378, 0.2882,
0.3119

■ 18.4506, 0.2597,
0.2908

243.3989, 0.2898,
0.3130

■ 11.2740, 0.2507,
0.2839

293.2580, 0.2911,
0.3139

■ 6.2514, 0.2382,
0.2741

349.4995, 0.2924,

■ 2.9986, 0.2195,

0.3148

0.2591

412.5078, 0.2934,
0.3156

1.1310, 0.1891,
0.2335

0.0042, 0.0000,
0.0042

76.3858, 0.2792,
0.3053

76.3858, 0.2792,
0.3053

67.6167, 0.2633,
0.2924

86.0752, 0.2951,
0.3171

59.7244, 0.2478,
0.2784

96.7077, 0.3107,
0.3277

52.6753, 0.2331,
0.2635

99.8694, 0.3139,
0.3309

46.4294, 0.2196,
0.2480

■ 40.9425, 0.2078,
0.2320

■ 36.1647, 0.1979,
0.2160

■ 32.0368, 0.1903,
0.2003

■ 28.9076, 0.1853,
0.1871

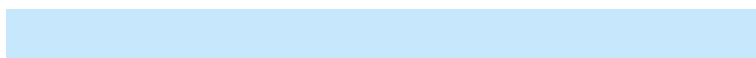
Harmonies

Analogous

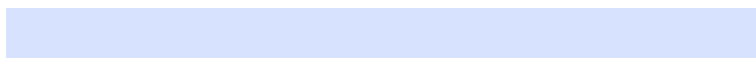
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



76.3858, 0.2792, 0.3184



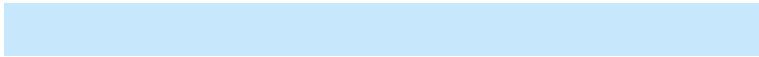
76.3858, 0.2792, 0.3053



76.3858, 0.2879, 0.2989

Triad

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



76.3858, 0.2792, 0.3053



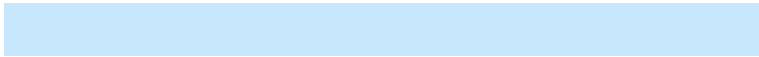
76.3858, 0.3379, 0.3224



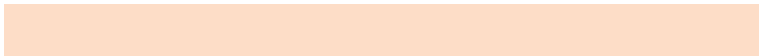
76.3858, 0.3214, 0.3597

Complementary

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



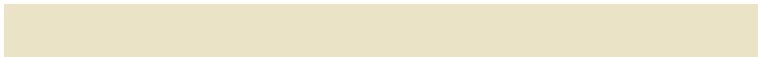
76.3858, 0.2792, 0.3053



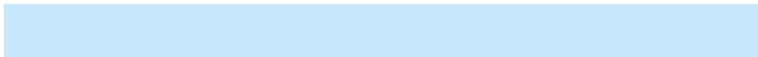
76.6955, 0.3514, 0.3516

Split Complementary

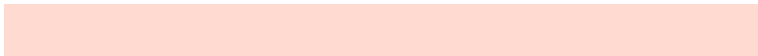
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.3858, 0.3377, 0.3600



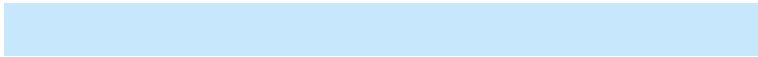
76.3858, 0.2792, 0.3053



76.3858, 0.3474, 0.3380

Square

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



76.3858, 0.2792, 0.3053



76.3858, 0.3216, 0.3089



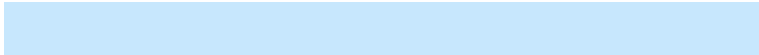
76.3858, 0.3473, 0.3517



76.3858, 0.3032, 0.3505

Rectangle

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



76.3858, 0.2792, 0.3053



76.3858, 0.2976, 0.2990



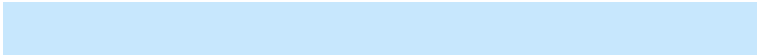
76.3858, 0.3473, 0.3517



76.3858, 0.3273, 0.3608

Sweetspot

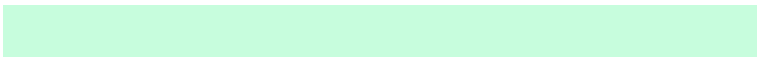
The Sweet Spot groups the original color and five complimentary colors.



76.3889, 0.2792, 0.3053



93.3043, 0.3034, 0.3229



87.5692, 0.2980, 0.3641



19.8195, 0.3024, 0.3222



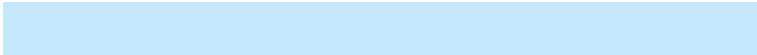
0.0000, 0.0000, 0.0000



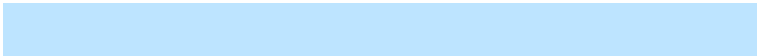
21.4041, 0.3127, 0.3290

Same Dimension

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



76.3889, 0.2792, 0.3053



73.4976, 0.2717, 0.2994



62.6129, 0.2771, 0.2755



19.1689, 0.2979, 0.3191



15.6766, 0.1860, 0.1895



1.7412, 0.1908, 0.2070

Inverse Universe

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



67.4980, 0.3312, 0.2967



63.1287, 0.3362, 0.2893



91.8686, 0.3460, 0.3774



18.1679, 0.3201, 0.3150



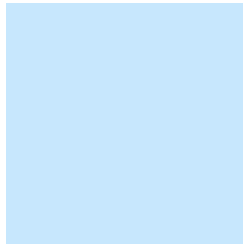
12.3105, 0.4573, 0.2293



1.2203, 0.4374, 0.2183

Previews

White Background



This preview shows how the Yxy color 76.3858, 0.2792, 0.3053 looks on a white background.

Color Contrast Check

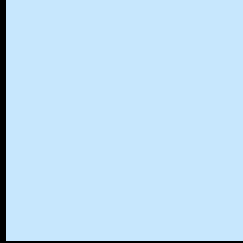
Large Text (above 18pt) WCAG AA × Fail

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 76.3858, 0.2792, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

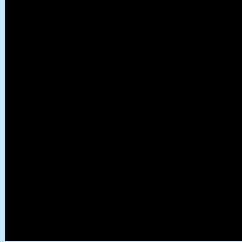
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

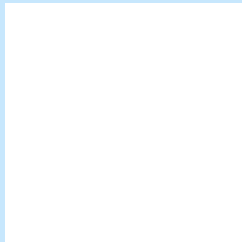
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.3858, 0.2792, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 76.3858, 0.2792, 0.3053.

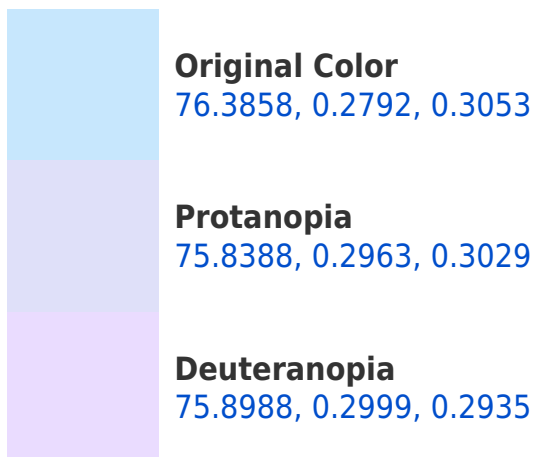


This preview shows how white text looks on a background with the Yxy color 76.3858, 0.2792, 0.3053.

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

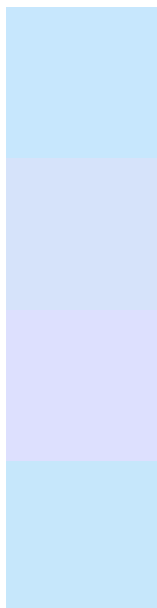




Tritanopia

76.0597, 0.2802, 0.3084

Trichromacy



Original Color

76.3858, 0.2792, 0.3053

Protanomaly

76.1364, 0.2899, 0.3047

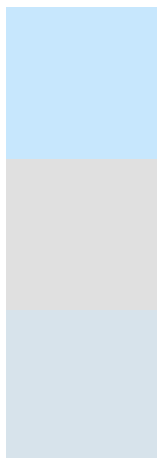
Deuteranomaly

75.8392, 0.2920, 0.2978

Tritanomaly

76.1226, 0.2797, 0.3073

Monochromacy



Original Color

76.3858, 0.2792, 0.3053

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.3834, 0.2996, 0.3204

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.3858, 0.2792, 0.3053 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(199, 231, 253)` looks like.

```
.text, #text, p{  
    color:rgb(199, 231, 253)  
}
```

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(199, 231, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 231, 253) }
```

Border

The CSS property to change the border of an element to Yxy 76.3858, 0.2792, 0.3053 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(199, 231, 253) }
```

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

```
.border{ border-color:rgb(199, 231, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 231, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 231, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 231, 253);  
box-shadow:4px 4px 4px 4px rgb(199, 231,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 76.3858, 0.2792, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 231, 253) }
```

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

```
.background{ background-color: rgb(199,  
231, 253) }
```

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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