

Converting Colors

$Yxy(75.0897, 0.2829, 0.3047)$

Have a look what the booklet for
Yxy(75.0897, 0.2829, 0.3047)
contains.

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Color

Yxy(75.0854, 0.2831, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	CBE4FA
RGB	203, 228, 250
RGB Percent	80%, 89%, 98%
CMY	0.2038, 0.1059, 0.0198
CMYK	0.19, 0.09, 0.00, 0.02
HSL	208°, 82%, 89%
HSV	208°, 19%, 98%
XYZ	69.6255, 75.0854, 101.2288
YIQ	223.0330, -21.9620, 1.5420

Conversions

Conversions Part 2

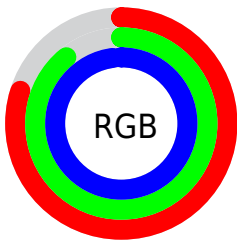
Format	Color
R_{YB}	203, 219, 250
Decimal	13362426
CIE _{Lab}	89.43, -3.73, -13.42
CIE _{LCh}	89, 13.926, 254.482
Yxy	75.0854, 0.2831, 0.3053
Android (android.graphics.Color)	4291552506 (0xFFCBE4FA)
YUV	223.0330, 13.2947, -17.5689
Hunter-Lab	86.6518, -8.2143, -8.6077

Details

The Yxy color **75.0854, 0.2831, 0.3053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.4648, 0.3455, 0.3516**, and the grayscale version is **73.7348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0781, 0.2757, 0.2995** is the 20% darker color. If you saturate the color by 10%, you get **65.6404, 0.2668, 0.2907**, and if you desaturate by 10%, it is **85.5373, 0.2991, 0.3185**.

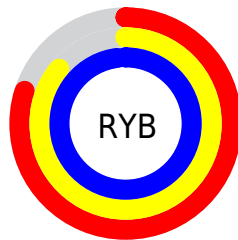
Distribution



Red (80%)

Green (89%)

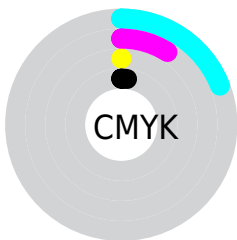
Blue (98%)



Red (80%)

Yellow (86%)

Blue (98%)

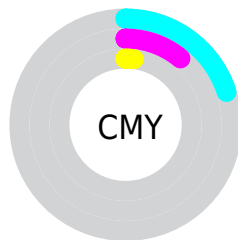


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (2%)



Cyan (20%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.0854, 0.2831, 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 75.0854, 0.2831, 0.3053 by changing the saturation by 10% instead.

■ 75.0854, 0.2831,
0.3053

■ 75.0854, 0.2831,
0.3053

478.2110, 0.2966,
0.3162

■ 55.6829, 0.2801,
0.3028

126.4332, 0.2878,
0.3091

■ 39.9487, 0.2763,
0.2997

159.1473, 0.2896,
0.3106

■ 27.4986, 0.2716,
0.2959

197.0674, 0.2911,
0.3118

■ 17.9480, 0.2656,
0.2908

240.5778, 0.2925,
0.3129

■ 10.9127, 0.2575,
0.2840

290.0630, 0.2937,
0.3139

■ 6.0081, 0.2460,
0.2742

345.9073, 0.2948,

■ 2.8500, 0.2288,

0.3148

0.2592

408.4952, 0.2958,
0.3156

1.0539, 0.2001,
0.2335

0.0000, 0.0000,
0.0000

75.0854, 0.2831,
0.3053

75.0854, 0.2831,
0.3053

65.6404, 0.2668,
0.2907

85.5373, 0.2991,
0.3185

57.1575, 0.2507,
0.2748

97.0203, 0.3146,
0.3304

49.6017, 0.2350,
0.2578

99.6794, 0.3156,
0.3338

42.9318, 0.2203,
0.2399

■ 37.1027, 0.2070,
0.2215

■ 32.0640, 0.1958,
0.2030

■ 27.7575, 0.1868,
0.1850

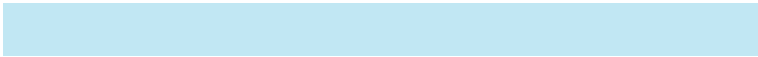
■ 24.1024, 0.1801,
0.1678

■ 23.6883, 0.1794,
0.1657

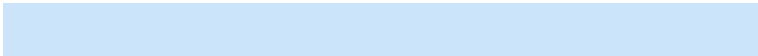
Harmonies

Analogous

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



75.0854, 0.2812, 0.3161



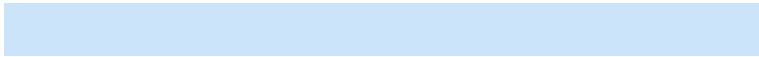
75.0854, 0.2831, 0.3053



75.0854, 0.2927, 0.3010

Triad

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



75.0854, 0.2831, 0.3053



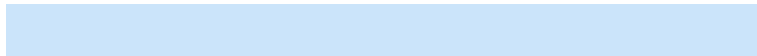
75.0854, 0.3385, 0.3263



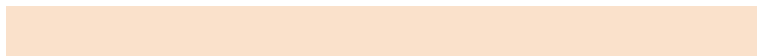
75.0854, 0.3169, 0.3558

Complementary

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



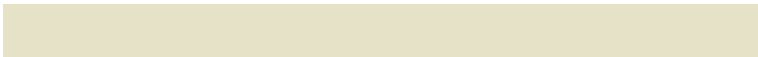
75.0854, 0.2831, 0.3053



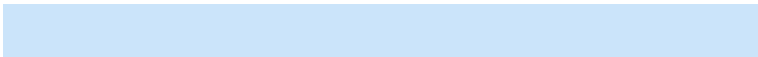
78.4648, 0.3455, 0.3516

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.



75.0854, 0.3326, 0.3581



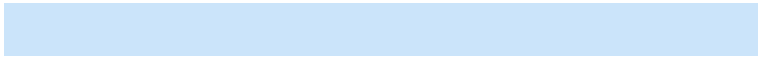
75.0854, 0.2831, 0.3053



75.0854, 0.3453, 0.3405

Square

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



75.0854, 0.2831, 0.3053



75.0854, 0.3247, 0.3131



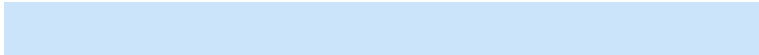
75.0854, 0.3431, 0.3522



75.0854, 0.3004, 0.3458

Rectangle

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



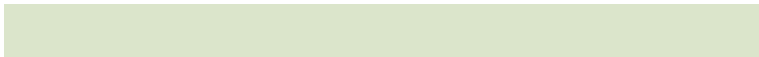
75.0854, 0.2831, 0.3053



75.0854, 0.3024, 0.3022



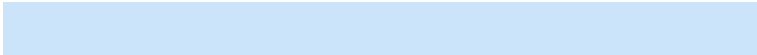
75.0854, 0.3431, 0.3522



75.0854, 0.3224, 0.3575

Sweetspot

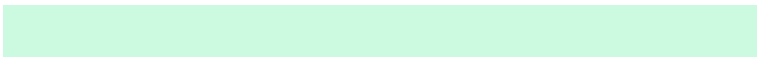
The Sweet Spot groups the original color and five complimentary colors.



75.0885, 0.2831, 0.3053



92.7318, 0.3034, 0.3219



86.4759, 0.2980, 0.3560



19.6842, 0.3024, 0.3211



0.0000, 0.0000, 0.0000



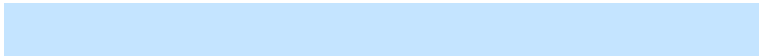
21.4041, 0.3127, 0.3290

Same Dimension

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



75.0885, 0.2831, 0.3053



74.2528, 0.2762, 0.2993



63.0639, 0.2816, 0.2792



18.1730, 0.2980, 0.3176



12.8609, 0.1801, 0.1685



1.4034, 0.1859, 0.1890

Inverse Universe

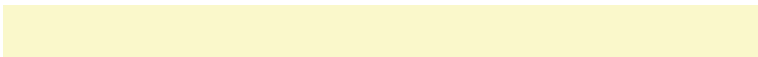
The Inverse Universe completely reimagines the original color for something new.



68.6398, 0.3307, 0.3035



66.4755, 0.3357, 0.2975



92.0049, 0.3413, 0.3744



17.3797, 0.3210, 0.3164



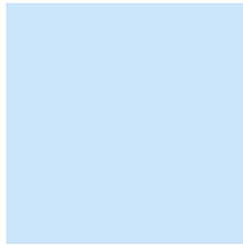
11.7092, 0.4825, 0.2432



1.1059, 0.4579, 0.2296

Previews

White Background



This preview shows how the Yxy color 75.0854, 0.2831, 0.3053 looks on a white background.

Color Contrast Check

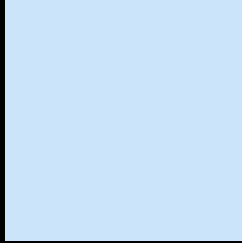
Large Text (above 18pt) WCAG AA × Fail

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 75.0854, 0.2831, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

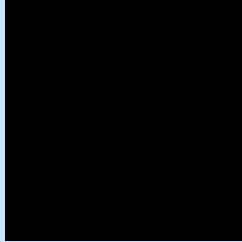
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

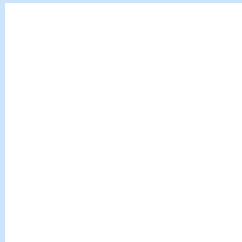
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.0854, 0.2831, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 75.0854, 0.2831, 0.3053.



This preview shows how white text looks on a background with the Yxy color 75.0854, 0.2831, 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



Original Color

75.0854, 0.2831, 0.3053

Protanopia

75.0203, 0.2968, 0.3038

Deuteranopia

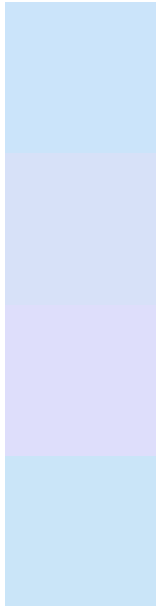
75.0149, 0.3011, 0.2953



Tritanopia

75.3106, 0.2842, 0.3095

Trichromacy



Original Color

75.0854, 0.2831, 0.3053

Protanomaly

75.0748, 0.2917, 0.3046

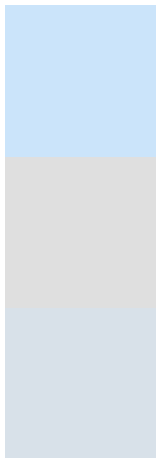
Deuteranomaly

74.7372, 0.2944, 0.2987

Tritanomaly

75.3725, 0.2836, 0.3084

Monochromacy



Original Color

75.0854, 0.2831, 0.3053

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.3325, 0.3015, 0.3203

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.0854, 0.2831, 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(203, 228, 250)` looks like.

```
.text, #text, p{  
    color:rgb(203, 228, 250)  
}
```

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(203, 228, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 228, 250) }
```

Border

The CSS property to change the border of an element to Yxy 75.0854, 0.2831, 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(203, 228, 250) }
```

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

```
.border{ border-color:rgb(203, 228, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 228, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 228, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 228, 250);  
box-shadow:4px 4px 4px 4px rgb(203, 228,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 75.0854, 0.2831, 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(203, 228, 250) }
```

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

```
.background{ background-color: rgb(203,  
228, 250) }
```

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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