

Converting Colors

$Yxy(75.7158, 0.2740, 0.3031)$

Have a look what the booklet for
Yxy(75.7158, 0.2740, 0.3031)
contains.

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Color

Yxy(75.5783, 0.2740, 0.3029)

Conversions

Conversions Part 1

Format	Color
Hex	C0E7FF
RGB	192, 231, 255
RGB Percent	75%, 91%, 100%
CMY	0.2469, 0.0941, 0.0001
CMYK	0.25, 0.09, 0.00, 0.00
HSL	203°, 100%, 88%
HSV	203°, 25%, 100%
XYZ	68.3673, 75.5783, 105.5701
YIQ	222.0750, -30.9480, -0.8040

Conversions

Conversions Part 2

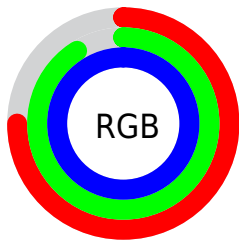
Format	Color
R _Y B	192, 216, 255
Decimal	12642303
CIE Lab	89.66, -7.45, -15.77
CIE LCh	90, 17.444, 244.718
Yxy	75.5783, 0.2740, 0.3029
Android (android.graphics.Color)	4290832383 (0xFFC0E7FF)
YUV	222.0750, 16.2320, -26.3758
Hunter-Lab	86.9358, -11.7632, -11.1435

Details

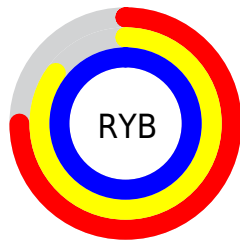
The Yxy color **75.5783, 0.2740, 0.3029** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.1814, 0.3591, 0.3537**, and the grayscale version is **73.0077, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **40.0555, 0.2652, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **67.2482, 0.2584, 0.2905**, and if you desaturate by 10%, it is **84.7929, 0.2898, 0.3143**.

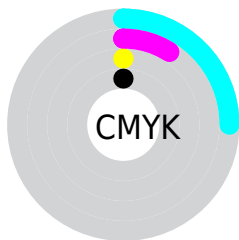
Distribution



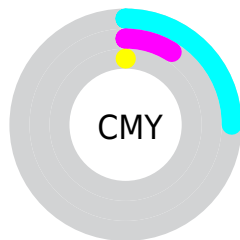
- Red (75%)
- Green (91%)
- Blue (100%)



- Red (75%)
- Yellow (85%)
- Blue (100%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (9%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.5783, 0.2740, 0.3029 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 75.5783, 0.2740, 0.3029 by changing the saturation by 10% instead.

75.5783, 0.2740,
0.3029

75.5783, 0.2740,
0.3029

479.9029, 0.2916,
0.3150

56.0868, 0.2701,
0.3001

127.1306, 0.2800,
0.3071

40.2725, 0.2653,
0.2967

159.9602, 0.2824,
0.3087

27.7511, 0.2593,
0.2924

198.0047, 0.2844,
0.3102

18.1381, 0.2516,
0.2867

241.6483, 0.2862,
0.3114

11.0492, 0.2413,
0.2791

291.2756, 0.2878,
0.3125

6.0999, 0.2270,
0.2681

347.2708, 0.2892,

2.9059, 0.2058,

0.3134

0.2513

410.0185, 0.2904,
0.3143

1.0828, 0.1718,
0.2228

0.0000, 0.0000,
0.0000

75.5783, 0.2740,
0.3029

75.5783, 0.2740,
0.3029

67.2482, 0.2584,
0.2905

84.7929, 0.2898,
0.3143

59.7587, 0.2434,
0.2772

94.9151, 0.3055,
0.3246

53.0757, 0.2294,
0.2631

99.9984, 0.3127,
0.3290

47.1583, 0.2168,
0.2484

■ 41.9608, 0.2060,
0.2335

■ 37.4309, 0.1972,
0.2186

■ 33.5053, 0.1907,
0.2040

■ 31.6188, 0.1879,
0.1964

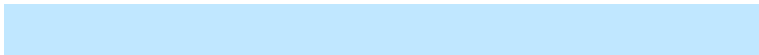
Harmonies

Analogous

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



75.5783, 0.2750, 0.3184



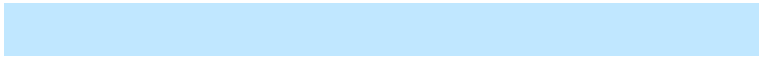
75.5783, 0.2740, 0.3029



75.5783, 0.2830, 0.2949

Triad

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



75.5783, 0.2740, 0.3029



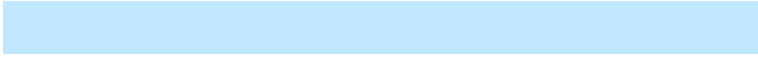
75.5783, 0.3401, 0.3198



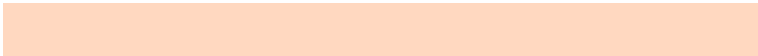
75.5783, 0.3246, 0.3648

Complementary

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



75.5783, 0.2740, 0.3029



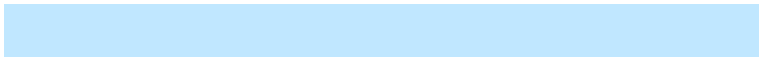
74.1814, 0.3591, 0.3537

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.



75.5783, 0.3427, 0.3640



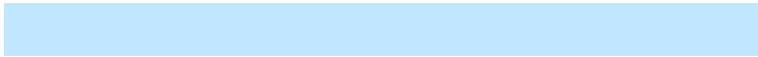
75.5783, 0.2740, 0.3029



75.5783, 0.3520, 0.3375

Square

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



75.5783, 0.2740, 0.3029



75.5783, 0.3209, 0.3048



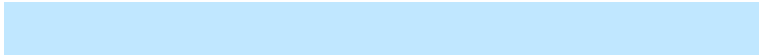
75.5783, 0.3529, 0.3536



75.5783, 0.3037, 0.3551

Rectangle

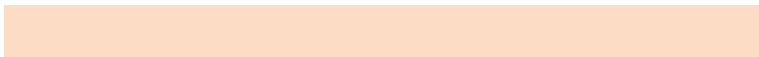
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.5783, 0.2740, 0.3029



75.5783, 0.2936, 0.2945



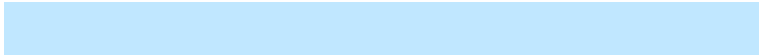
75.5783, 0.3529, 0.3536



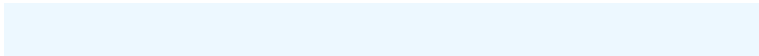
75.5783, 0.3312, 0.3657

Sweetspot

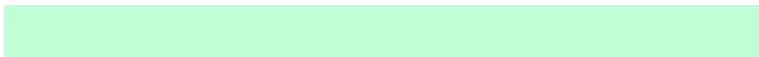
The Sweet Spot groups the original color and five complimentary colors.



75.5813, 0.2740, 0.3029



92.5083, 0.3019, 0.3223



87.6277, 0.2969, 0.3729



19.6669, 0.3009, 0.3217



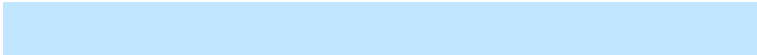
0.0000, 0.0000, 0.0000



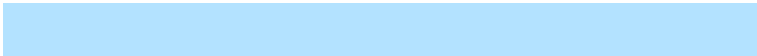
21.4041, 0.3127, 0.3290

Same Dimension

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



75.5813, 0.2740, 0.3029



71.0596, 0.2657, 0.2964



59.9377, 0.2710, 0.2682



19.2508, 0.2979, 0.3197



16.8225, 0.1886, 0.1988



1.8491, 0.1931, 0.2152

Inverse Universe

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



64.7407, 0.3335, 0.2898



58.7833, 0.3392, 0.2810



91.3297, 0.3520, 0.3832



18.1762, 0.3197, 0.3144



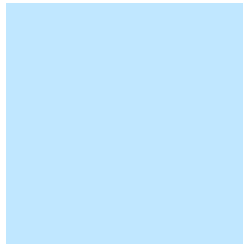
12.4262, 0.4466, 0.2234



1.2312, 0.4284, 0.2134

Previews

White Background



This preview shows how the Yxy color 75.5783, 0.2740, 0.3029 looks on a white background.

Color Contrast Check

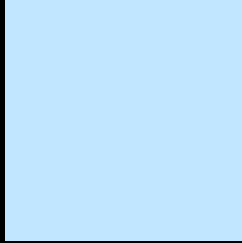
Large Text (above 18pt) WCAG AA × Fail

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 75.5783, 0.2740, 0.3029 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

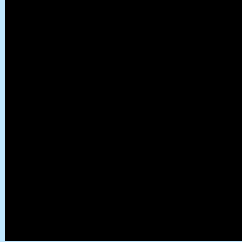
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

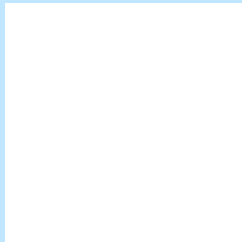
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.5783, 0.2740, 0.3029

Background



This preview shows how black text looks on a background with the Yxy color 75.5783, 0.2740, 0.3029.

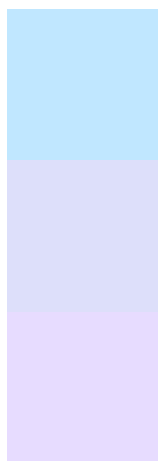


This preview shows how white text looks on a background with the Yxy color 75.5783, 0.2740, 0.3029.

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

75.5783, 0.2740, 0.3029

Protanopia

75.0496, 0.2944, 0.3007

Deuteranopia

75.3953, 0.2979, 0.2932



Tritanopia

75.6917, 0.2762, 0.3092

Trichromacy



Original Color

75.5783, 0.2740, 0.3029

Protanomaly

75.1226, 0.2862, 0.3013

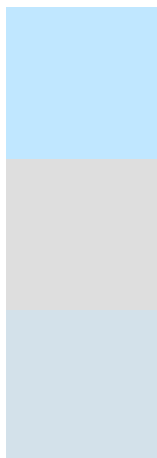
Deuteranomaly

75.2830, 0.2888, 0.2965

Tritanomaly

75.8179, 0.2751, 0.3071

Monochromacy



Original Color

75.5783, 0.2740, 0.3029

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6398, 0.2975, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.5783, 0.2740, 0.3029 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, 231, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 231, 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, 231, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 231, 255) }
```

Border

The CSS property to change the border of an element to Yxy 75.5783, 0.2740, 0.3029 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, 231, 255) }
```

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

```
.border{ border-color:rgb(192, 231, 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, 231, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 231, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 231, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 231,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 75.5783, 0.2740, 0.3029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 231, 255) }
```

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

```
.background{ background-color: rgb(192,  
231, 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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