

Converting Colors

$Yxy(75.0359, 0.2793, 0.3100)$

Have a look what the booklet for
Yxy(75.0359, 0.2793, 0.3100)
contains.

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Color

Yxy(74.8403, 0.2788, 0.3092)

Conversions

Conversions Part 1

Format	Color
Hex	C2E6F8
RGB	194, 230, 248
RGB Percent	76%, 90%, 97%
CMY	0.2394, 0.0980, 0.0273
CMYK	0.22, 0.07, 0.00, 0.03
HSL	200°, 80%, 87%
HSV	200°, 22%, 97%
XYZ	67.4821, 74.8403, 99.7225
YIQ	221.2880, -27.2340, -2.0340

Conversions

Conversions Part 2

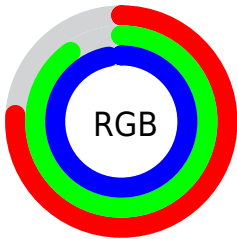
Format	Color
R_{YB}	194, 216, 248
Decimal	12773112
CIE _{Lab}	89.32, -7.90, -12.64
CIE _{LCh}	89, 14.911, 237.988
Yxy	74.8403, 0.2788, 0.3092
Android (android.graphics.Color)	4290963192 (0xFFC2E6F8)
YUV	221.2880, 13.1690, -23.9316
Hunter-Lab	86.5103, -12.1545, -7.7878

Details

The Yxy color **74.8403, 0.2788, 0.3092** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.9274, 0.3532, 0.3480**, and the grayscale version is **72.4360, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.9547, 0.2706, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **67.3402, 0.2635, 0.2987**, and if you desaturate by 10%, it is **83.1123, 0.2944, 0.3188**.

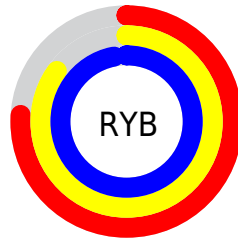
Distribution



Red (76%)

Green (90%)

Blue (97%)



Red (76%)

Yellow (85%)

Blue (97%)

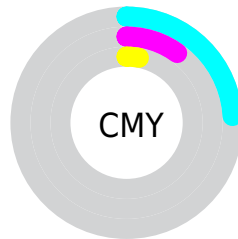


Cyan (22%)

Magenta (7%)

Yellow (0%)

Black (3%)



Cyan (24%)

Magenta (10%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8403, 0.2788, 0.3092 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 74.8403, 0.2788, 0.3092 by changing the saturation by 10% instead.

■ 74.8403, 0.2788,
0.3092

■ 74.8403, 0.2788,
0.3092

477.3685, 0.2942,
0.3185

■ 55.4821, 0.2753,
0.3071

■ 126.0863, 0.2841,
0.3124

■ 39.7878, 0.2711,
0.3044

158.7428, 0.2862,
0.3137

■ 27.3731, 0.2658,
0.3011

196.6009, 0.2880,
0.3148

■ 17.8537, 0.2589,
0.2967

240.0449, 0.2896,
0.3157

■ 10.8450, 0.2497,
0.2906

289.4593, 0.2909,
0.3165

■ 5.9627, 0.2367,
0.2819

345.2284, 0.2922,

■ 2.8224, 0.2173,

0.3172

0.2683

407.7367, 0.2933,
0.3179

■ 1.0397, 0.1851,
0.2443

■ 0.0000, 0.0000,
0.0000

■ 74.8403, 0.2788,
0.3092

■ 74.8403, 0.2788,
0.3092

■ 67.3402, 0.2635,
0.2987

■ 83.1123, 0.2944,
0.3188

■ 60.5726, 0.2487,
0.2874

■ 92.1751, 0.3099,
0.3275

■ 54.5081, 0.2350,
0.2754

■ 99.4360, 0.3168,
0.3355

■ 49.1111, 0.2226,
0.2629

■ 99.5594, 0.3167,
0.3357

■ 44.3420, 0.2120,
0.2500

■ 40.1559, 0.2034,
0.2371

■ 36.4991, 0.1968,
0.2243

■ 33.8313, 0.1928,
0.2140

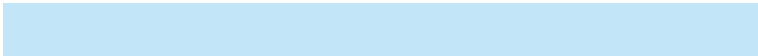
Harmonies

Analogous

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



74.8403, 0.2816, 0.3236



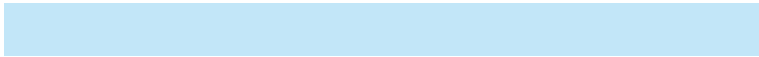
74.8403, 0.2788, 0.3092



74.8403, 0.2847, 0.3006

Triad

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



74.8403, 0.2788, 0.3092



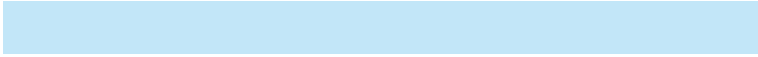
74.8403, 0.3329, 0.3179



74.8403, 0.3268, 0.3602

Complementary

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



74.8403, 0.2788, 0.3092



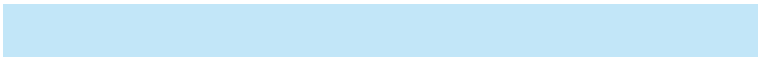
70.9274, 0.3532, 0.3480

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.



74.8403, 0.3411, 0.3577



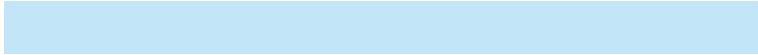
74.8403, 0.2788, 0.3092



74.8403, 0.3448, 0.3330

Square

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



74.8403, 0.2788, 0.3092



74.8403, 0.3157, 0.3059



74.8403, 0.3478, 0.3475



74.8403, 0.3090, 0.3539

Rectangle

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



74.8403, 0.2788, 0.3092



74.8403, 0.2930, 0.2990



74.8403, 0.3478, 0.3475



74.8403, 0.3322, 0.3604

Sweetspot

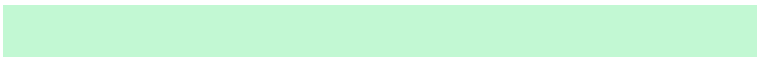
The Sweet Spot groups the original color and five complimentary colors.



74.8433, 0.2788, 0.3092



93.0342, 0.3019, 0.3231



83.3255, 0.3002, 0.3702



19.7888, 0.3009, 0.3226



0.0000, 0.0000, 0.0000



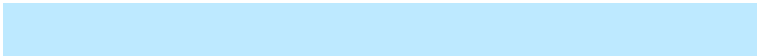
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8433, 0.2788, 0.3092



76.2271, 0.2723, 0.3049



61.3636, 0.2766, 0.2795



18.5770, 0.2980, 0.3209



18.5386, 0.1934, 0.2160



1.9118, 0.1975, 0.2311

Inverse Universe

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



64.2377, 0.3286, 0.2920



63.4043, 0.3324, 0.2845



85.0737, 0.3477, 0.3741



17.4205, 0.3189, 0.3133



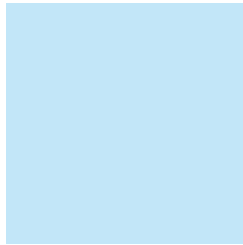
12.2824, 0.4275, 0.2129



1.1572, 0.4115, 0.2040

Previews

White Background



This preview shows how the Yxy color 74.8403, 0.2788, 0.3092 looks on a white background.

Color Contrast Check

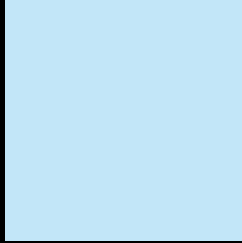
Large Text (above 18pt) WCAG AA × Fail

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 74.8403, 0.2788, 0.3092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

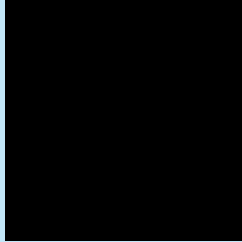
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8403, 0.2788, 0.3092

Background



This preview shows how black text looks on a background with the Yxy color 74.8403, 0.2788, 0.3092.

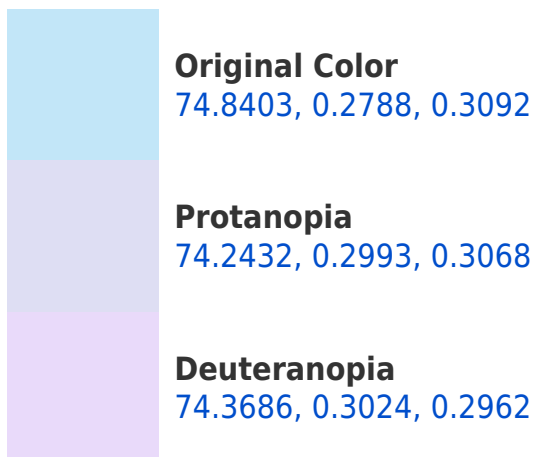


This preview shows how white text looks on a background with the Yxy color 74.8403, 0.2788, 0.3092.

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

74.8403, 0.2788, 0.3092

Trichromacy



Original Color

74.8403, 0.2788, 0.3092

Protanomaly

74.4400, 0.2915, 0.3076

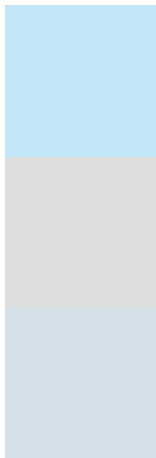
Deuteranomaly

74.1422, 0.2936, 0.3005

Tritanomaly

74.8403, 0.2788, 0.3092

Monochromacy



Original Color

74.8403, 0.2788, 0.3092

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9297, 0.2993, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8403, 0.2788, 0.3092 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(194, 230, 248)` looks like.

```
.text, #text, p{  
    color:rgb(194, 230, 248)  
}
```

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(194, 230, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 230, 248) }
```

Border

The CSS property to change the border of an element to Yxy 74.8403, 0.2788, 0.3092 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(194, 230, 248) }
```

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

```
.border{ border-color:rgb(194, 230, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 230, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 230, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 230, 248);  
box-shadow:4px 4px 4px 4px rgb(194, 230,  
248) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8403, 0.2788, 0.3092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 230, 248) }
```

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

```
.background{ background-color: rgb(194,  
230, 248) }
```

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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