

Converting Colors

$Yxy(73.8514, 0.2823, 0.3030)$

Have a look what the booklet for
Yxy(73.8514, 0.2823, 0.3030)
contains.

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Color

Yxy(73.8514, 0.2823, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	CAE2FA
RGB	202, 226, 250
RGB Percent	79%, 89%, 98%
CMY	0.2079, 0.1137, 0.0196
CMYK	0.19, 0.10, 0.00, 0.02
HSL	210°, 83%, 89%
HSV	210°, 19%, 98%
XYZ	68.8061, 73.8514, 101.0765
YIQ	221.5600, -22.0080, 2.3760

Conversions

Conversions Part 2

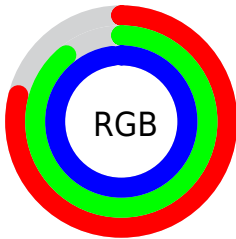
Format	Color
R_{YB}	202, 218, 250
Decimal	13296378
CIE _{Lab}	88.85, -3.00, -14.32
CIE _{LCh}	89, 14.632, 258.178
Yxy	73.8514, 0.2823, 0.3030
Android (android.graphics.Color)	4291486458 (0xFFCAE2FA)
YUV	221.5600, 14.0209, -17.1541
Hunter-Lab	85.9368, -7.4718, -9.5794

Details

The Yxy color **73.8514, 0.2823, 0.3030** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **78.9736, 0.3461, 0.3537**, and the grayscale version is **72.6318, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.2239, 0.2747, 0.2966** is the 20% darker color. If you saturate the color by 10%, you get **64.0955, 0.2658, 0.2873**, and if you desaturate by 10%, it is **84.6735, 0.2984, 0.3172**.

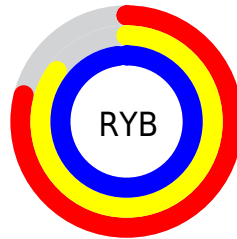
Distribution



Red (79%)

Green (89%)

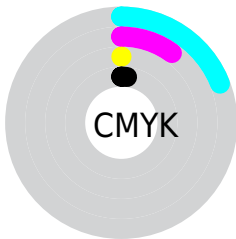
Blue (98%)



Red (79%)

Yellow (85%)

Blue (98%)

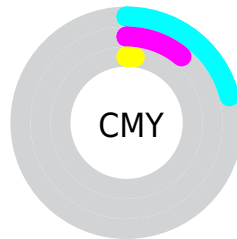


Cyan (19%)

Magenta (10%)

Yellow (0%)

Black (2%)



Cyan (21%)

Magenta (11%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8514, 0.2823, 0.3030 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 73.8514, 0.2823, 0.3030 by changing the saturation by 10% instead.

■ 73.8514, 0.2823,
0.3030

■ 73.8514, 0.2823,
0.3030

473.9603, 0.2962,
0.3150

■ 54.6724, 0.2792,
0.3003

124.6851, 0.2871,
0.3072

■ 39.1395, 0.2753,
0.2969

157.1087, 0.2890,
0.3088

■ 26.8683, 0.2705,
0.2926

194.7159, 0.2906,
0.3102

■ 17.4743, 0.2642,
0.2871

237.8911, 0.2920,
0.3114

■ 10.5732, 0.2557,
0.2796

287.0188, 0.2932,
0.3125

■ 5.7807, 0.2438,
0.2688

342.4833, 0.2944,

■ 2.7122, 0.2258,

0.3134

0.2524

404.6690, 0.2953,
0.3143

0.9834, 0.1958,
0.2243

0.0000, 0.0000,
0.0000

73.8514, 0.2823,
0.3030

73.8514, 0.2823,
0.3030

64.0955, 0.2658,
0.2873

84.6735, 0.2984,
0.3172

55.3590, 0.2494,
0.2702

96.5881, 0.3139,
0.3300

47.6048, 0.2333,
0.2518

99.6827, 0.3156,
0.3338

40.7893, 0.2182,
0.2326

■ 34.8652, 0.2046,
0.2129

■ 29.7792, 0.1930,
0.1932

■ 25.4702, 0.1837,
0.1741

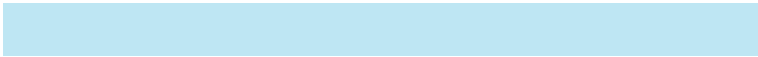
■ 21.8510, 0.1768,
0.1561

■ 21.5865, 0.1763,
0.1547

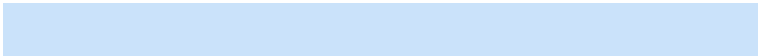
Harmonies

Analogous

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



73.8514, 0.2792, 0.3137



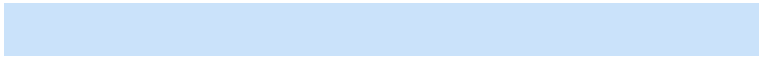
73.8514, 0.2823, 0.3030



73.8514, 0.2933, 0.2995

Triad

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



73.8514, 0.2823, 0.3030



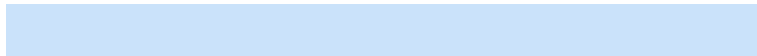
73.8514, 0.3414, 0.3279



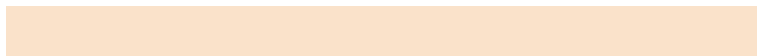
73.8514, 0.3149, 0.3565

Complementary

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



73.8514, 0.2823, 0.3030



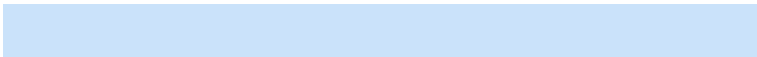
78.9736, 0.3461, 0.3537

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.



73.8514, 0.3318, 0.3599



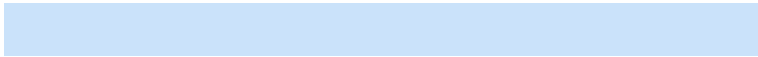
73.8514, 0.2823, 0.3030



73.8514, 0.3474, 0.3428

Square

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



73.8514, 0.2823, 0.3030



73.8514, 0.3274, 0.3137



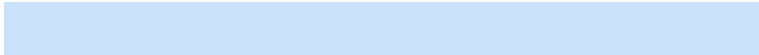
73.8514, 0.3439, 0.3547



73.8514, 0.2977, 0.3450

Rectangle

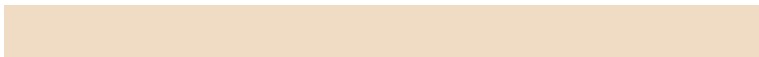
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8514, 0.2823, 0.3030



73.8514, 0.3039, 0.3013



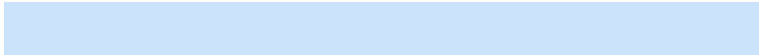
73.8514, 0.3439, 0.3547



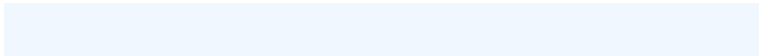
73.8514, 0.3208, 0.3586

Sweetspot

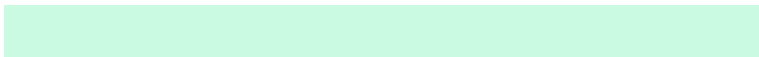
The Sweet Spot groups the original color and five complimentary colors.



73.8544, 0.2823, 0.3030



92.4309, 0.3035, 0.3215



86.3779, 0.2972, 0.3558



19.6131, 0.3024, 0.3206



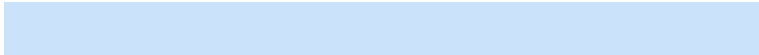
0.0000, 0.0000, 0.0000



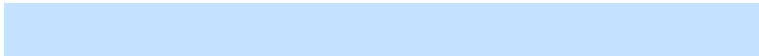
21.4041, 0.3127, 0.3290

Same Dimension

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



73.8544, 0.2823, 0.3030



73.2267, 0.2760, 0.2972



62.0676, 0.2807, 0.2770



18.0777, 0.2980, 0.3168



11.7372, 0.1771, 0.1576



1.2991, 0.1831, 0.1792

Inverse Universe

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



68.0510, 0.3323, 0.3045



66.3719, 0.3371, 0.2994



92.4691, 0.3419, 0.3762



17.3701, 0.3215, 0.3172



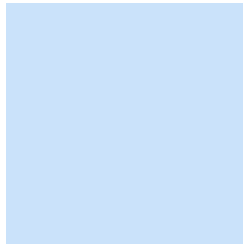
11.5958, 0.4961, 0.2507



1.0954, 0.4695, 0.2360

Previews

White Background



This preview shows how the Yxy color 73.8514, 0.2823, 0.3030 looks on a white background.

Color Contrast Check

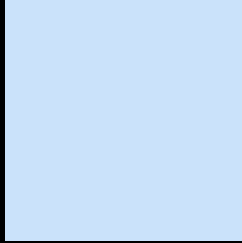
Large Text (above 18pt) WCAG AA × Fail

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 73.8514, 0.2823, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

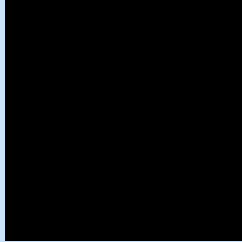
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

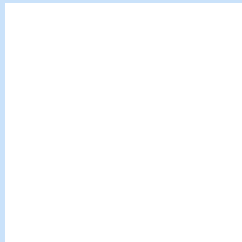
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.8514, 0.2823, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 73.8514, 0.2823, 0.3030.



This preview shows how white text looks on a background with the Yxy color 73.8514, 0.2823, 0.3030.

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

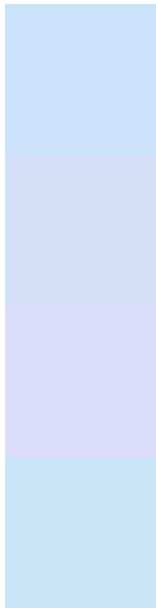




Tritanopia

73.9482, 0.2846, 0.3093

Trichromacy



Original Color

73.8514, 0.2823, 0.3030

Protanomaly

73.6988, 0.2903, 0.3023

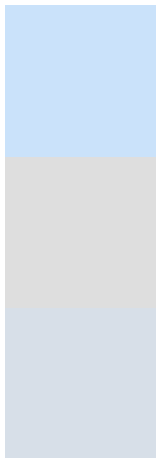
Deuteranomaly

73.3671, 0.2930, 0.2964

Tritanomaly

74.0711, 0.2835, 0.3072

Monochromacy



Original Color

73.8514, 0.2823, 0.3030

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.0486, 0.3014, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.8514, 0.2823, 0.3030 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(202, 226, 250)` looks like.

```
.text, #text, p{  
    color:rgb(202, 226, 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(202, 226, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 226, 250) }
```

Border

The CSS property to change the border of an element to Yxy 73.8514, 0.2823, 0.3030 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(202, 226, 250) }
```

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

```
.border{ border-color:rgb(202, 226, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 226, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 226, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 226, 250);  
box-shadow:4px 4px 4px 4px rgb(202, 226,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 73.8514, 0.2823, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 226, 250) }
```

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

```
.background{ background-color: rgb(202,  
226, 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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