

Converting Colors

$Yxy(79.3326, 0.2820, 0.3109)$

Have a look what the booklet for
Yxy(79.3326, 0.2820, 0.3109)
contains.

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Color

Yxy(79.1414, 0.2824, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	<code>CBEBFC</code>
RGB	<code>203, 235, 252</code>
RGB Percent	<code>80%, 92%, 99%</code>
CMY	<code>0.2039, 0.0784, 0.0117</code>
CMYK	<code>0.19, 0.07, 0.00, 0.01</code>
HSL	<code>201°, 89%, 89%</code>
HSV	<code>201°, 19%, 99%</code>
XYZ	<code>71.9097, 79.1414, 103.5866</code>
YIQ	<code>227.3700, -24.5290, -1.4970</code>

Conversions

Conversions Part 2

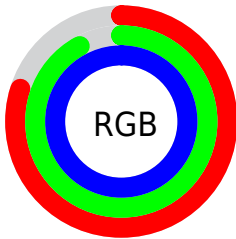
Format	Color
R _{YB}	203, 222, 252
Decimal	13364220
CIE Lab	91.30, -6.89, -11.71
CIE LCh	91, 13.583, 239.521
Yxy	79.1414, 0.2824, 0.3108
Android (android.graphics.Color)	4291554300 (0xFFCBEBFC)
YUV	227.3700, 12.1426, -21.3725
Hunter-Lab	88.9615, -11.3967, -6.7642

Details

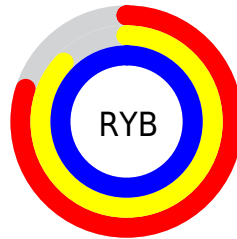
The Yxy color **79.1414, 0.2824, 0.3108** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.2032, 0.3480, 0.3465**, and the grayscale version is **77.0257, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.4762, 0.2757, 0.3067** is the 20% darker color. If you saturate the color by 10%, you get **71.0033, 0.2669, 0.3001**, and if you desaturate by 10%, it is **88.1073, 0.2981, 0.3206**.

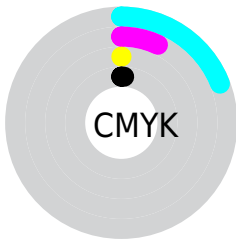
Distribution



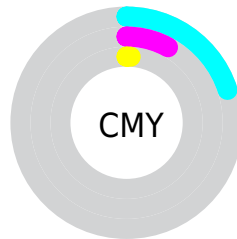
- Red (80%)
- Green (92%)
- Blue (99%)



- Red (80%)
- Yellow (87%)
- Blue (99%)



- Cyan (19%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



- Cyan (20%)
- Magenta (8%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.1414, 0.2824, 0.3108 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 79.1414, 0.2824, 0.3108 by changing the saturation by 10% instead.

■ 79.1414, 0.2824,
0.3108

■ 79.1414, 0.2824,
0.3108

492.0346, 0.2961,
0.3192

■ 59.0121, 0.2794,
0.3089

132.1579, 0.2871,
0.3137

■ 42.6228, 0.2756,
0.3065

165.8139, 0.2889,
0.3148

■ 29.5893, 0.2710,
0.3035

204.7475, 0.2905,
0.3158

■ 19.5271, 0.2650,
0.2997

249.3432, 0.2919,
0.3167

■ 12.0517, 0.2571,
0.2944

299.9854, 0.2931,
0.3174

■ 6.7789, 0.2460,
0.2869

357.0584, 0.2942,

■ 3.3242, 0.2295,

0.3181

0.2754

420.9467, 0.2952,
0.3187

1.3033, 0.2027,
0.2555

0.1437, 0.0000,
0.1285

79.1414, 0.2824,
0.3108

79.1414, 0.2824,
0.3108

71.0033, 0.2669,
0.3001

88.1073, 0.2981,
0.3206

63.6521, 0.2518,
0.2884

97.9206, 0.3136,
0.3295

57.0573, 0.2377,
0.2760

99.8088, 0.3144,
0.3319

51.1824, 0.2247,
0.2630

■ 45.9870, 0.2135,
0.2496

■ 41.4253, 0.2041,
0.2361

■ 37.4434, 0.1969,
0.2227

■ 33.9601, 0.1916,
0.2096

■ 33.7758, 0.1914,
0.2089

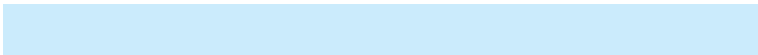
Harmonies

Analogous

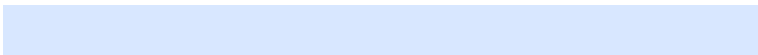
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1414, 0.2845, 0.3235



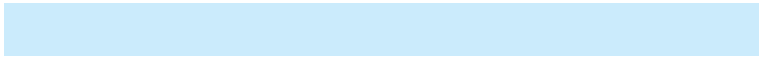
79.1414, 0.2824, 0.3108



79.1414, 0.2881, 0.3034

Triad

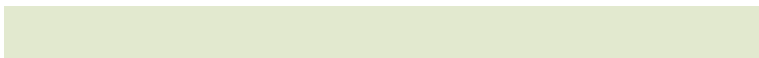
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1414, 0.2824, 0.3108



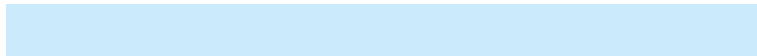
79.1414, 0.3315, 0.3197



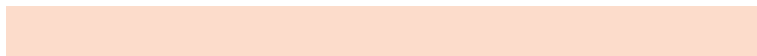
79.1414, 0.3246, 0.3568

Complementary

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



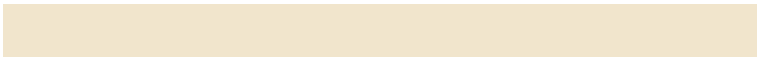
79.1414, 0.2824, 0.3108



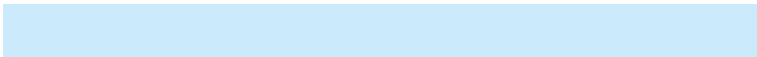
76.2032, 0.3480, 0.3465

Split Complementary

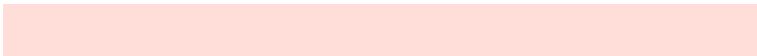
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.1414, 0.3376, 0.3549



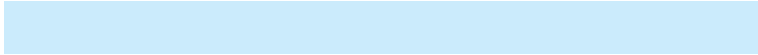
79.1414, 0.2824, 0.3108



79.1414, 0.3417, 0.3333

Square

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



79.1414, 0.2824, 0.3108



79.1414, 0.3162, 0.3087



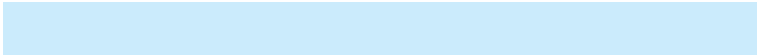
79.1414, 0.3440, 0.3462



79.1414, 0.3086, 0.3507

Rectangle

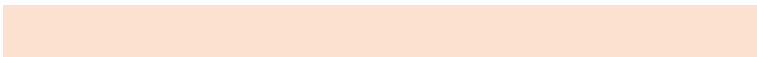
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



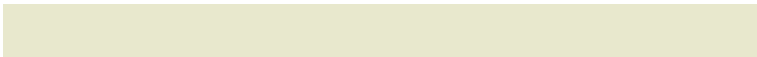
79.1414, 0.2824, 0.3108



79.1414, 0.2957, 0.3022



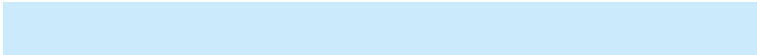
79.1414, 0.3440, 0.3462



79.1414, 0.3295, 0.3570

Sweetspot

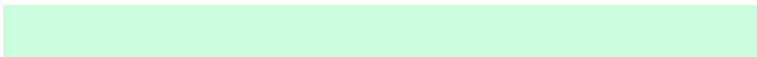
The Sweet Spot groups the original color and five complimentary colors.



79.1446, 0.2824, 0.3108



93.8715, 0.3034, 0.3238



87.4561, 0.3011, 0.3643



19.9537, 0.3024, 0.3232



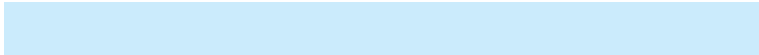
0.0000, 0.0000, 0.0000



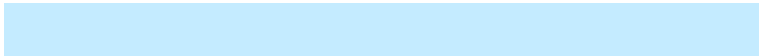
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1446, 0.2824, 0.3108



78.2164, 0.2768, 0.3071



66.4023, 0.2808, 0.2845



18.5351, 0.2980, 0.3206



17.8792, 0.1920, 0.2111



1.8540, 0.1963, 0.2268

Inverse Universe

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



69.4113, 0.3271, 0.2968



66.8756, 0.3303, 0.2906



89.6152, 0.3436, 0.3699



17.4162, 0.3191, 0.3136



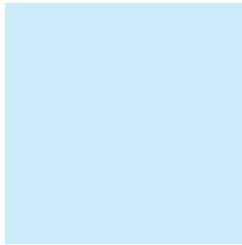
12.2158, 0.4329, 0.2159



1.1514, 0.4160, 0.2065

Previews

White Background



This preview shows how the Yxy color 79.1414, 0.2824, 0.3108 looks on a white background.

Color Contrast Check

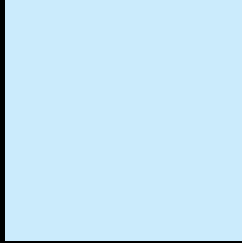
Large Text (above 18pt) WCAG AA × Fail

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 79.1414, 0.2824, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

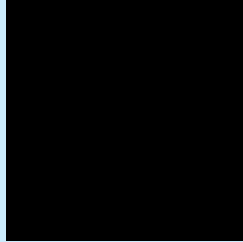
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

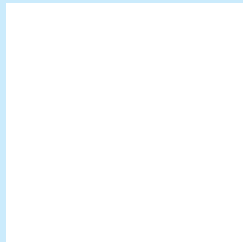
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1414, 0.2824, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 79.1414, 0.2824, 0.3108.



This preview shows how white text looks on a background with the Yxy color 79.1414, 0.2824, 0.3108.

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

79.1414, 0.2824, 0.3108

Protanopia

78.7581, 0.3002, 0.3084

Deuteranopia

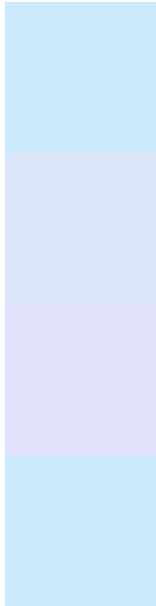
78.4564, 0.3046, 0.2979



Tritanopia

79.2050, 0.2819, 0.3098

Trichromacy



Original Color

79.1414, 0.2824, 0.3108

Protanomaly

79.0515, 0.2938, 0.3102

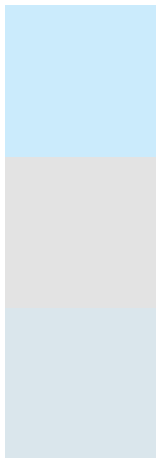
Deuteranomaly

78.3609, 0.2965, 0.3023

Tritanomaly

79.2050, 0.2819, 0.3098

Monochromacy



Original Color

79.1414, 0.2824, 0.3108

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.5552, 0.3009, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1414, 0.2824, 0.3108 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, 235, 252)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 252)  
}
```

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, 235, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 252) }
```

Border

The CSS property to change the border of an element to Yxy 79.1414, 0.2824, 0.3108 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, 235, 252) }
```

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

```
.border{ border-color:rgb(203, 235, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 235, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 252);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1414, 0.2824, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 235, 252) }
```

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

```
.background{ background-color: rgb(203,  
235, 252) }
```

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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