

Converting Colors

$Yxy(78.9904, 0.2818, 0.3091)$

Have a look what the booklet for
Yxy(78.9904, 0.2818, 0.3091)
contains.

Yxy(79.2050, 0.2819, 0.3098)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(79.2050, 0.2819, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	CBEbfd
RGB	203, 235, 253
RGB Percent	80%, 92%, 99%
CMY	0.2037, 0.0784, 0.0080
CMYK	0.20, 0.07, 0.00, 0.01
HSL	202°, 92%, 89%
HSV	202°, 20%, 99%
XYZ	72.0719, 79.2050, 104.3880
YIQ	227.4840, -24.8500, -1.1860

Conversions

Conversions Part 2

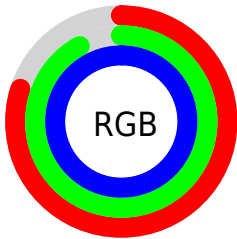
Format	Color
RYB	203, 223, 253
Decimal	13364221
CIELab	91.33, -6.67, -12.16
CIELCh	91, 13.872, 241.256
Yxy	79.2050, 0.2819, 0.3098
Android (android.graphics.Color)	4291554301 (0xFFCBEBFD)
YUV	227.4840, 12.5794, -21.4725
Hunter-Lab	88.9972, -11.1917, -7.2453

Details

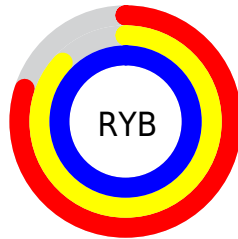
The Yxy color **79.2050, 0.2819, 0.3098** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.9145, 0.3485, 0.3474**, and the grayscale version is **77.1137, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.5216, 0.2751, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **70.8586, 0.2663, 0.2986**, and if you desaturate by 10%, it is **88.4044, 0.2976, 0.3200**.

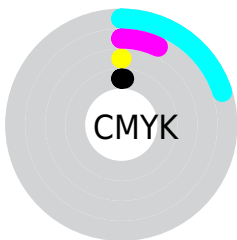
Distribution



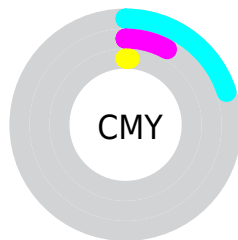
- Red (80%)
- Green (92%)
- Blue (99%)



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



- Cyan (20%)
- Magenta (7%)
- Yellow (0%)
- Black (1%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2050, 0.2819, 0.3098 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 79.2050, 0.2819, 0.3098 by changing the saturation by 10% instead.

■ 79.2050, 0.2819,
0.3098

■ 79.2050, 0.2819,
0.3098

492.2496, 0.2958,
0.3187

■ 59.0644, 0.2788,
0.3078

132.2474, 0.2867,
0.3129

■ 42.6649, 0.2750,
0.3053

165.9180, 0.2885,
0.3141

■ 29.6223, 0.2703,
0.3022

204.8674, 0.2901,
0.3151

■ 19.5521, 0.2642,
0.2981

249.4799, 0.2916,
0.3160

■ 12.0699, 0.2562,
0.2926

300.1400, 0.2928,
0.3168

■ 6.7913, 0.2449,
0.2847

357.2320, 0.2939,

■ 3.3319, 0.2283,

0.3175

0.2727

421.1404, 0.2949,
0.3181

1.3074, 0.2012,
0.2521

0.1469, 0.0000,
0.1269

79.2050, 0.2819,
0.3098

79.2050, 0.2819,
0.3098

70.8586, 0.2663,
0.2986

88.4044, 0.2976,
0.3200

63.3234, 0.2512,
0.2865

98.4770, 0.3131,
0.3292

56.5682, 0.2369,
0.2736

99.8697, 0.3139,
0.3309

50.5556, 0.2238,
0.2600

■ 45.2442, 0.2124,
0.2461

■ 40.5870, 0.2029,
0.2320

■ 36.5290, 0.1956,
0.2181

■ 32.9849, 0.1902,
0.2045

■ 32.8943, 0.1900,
0.2041

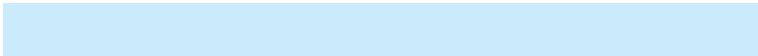
Harmonies

Analogous

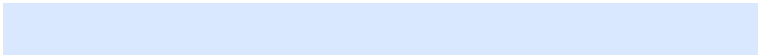
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2050, 0.2836, 0.3226



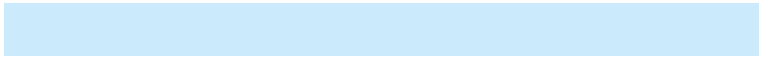
79.2050, 0.2819, 0.3098



79.2050, 0.2882, 0.3026

Triad

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



79.2050, 0.2819, 0.3098



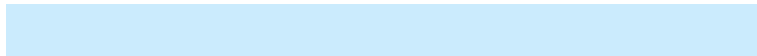
79.2050, 0.3327, 0.3203



79.2050, 0.3239, 0.3572

Complementary

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



79.2050, 0.2819, 0.3098



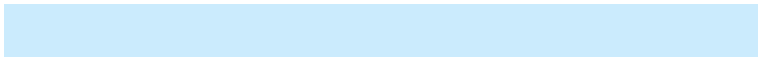
76.9145, 0.3485, 0.3474

Split Complementary

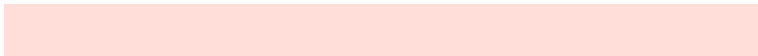
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2050, 0.3375, 0.3558



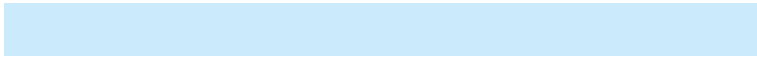
79.2050, 0.2819, 0.3098



79.2050, 0.3427, 0.3342

Square

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



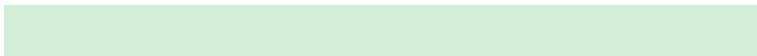
79.2050, 0.2819, 0.3098



79.2050, 0.3173, 0.3088



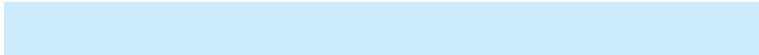
79.2050, 0.3445, 0.3472



79.2050, 0.3076, 0.3505

Rectangle

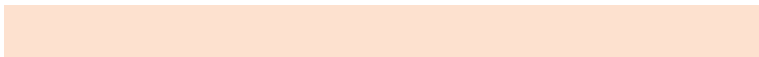
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



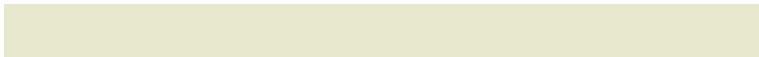
79.2050, 0.2819, 0.3098



79.2050, 0.2962, 0.3016



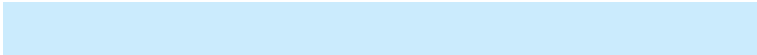
79.2050, 0.3445, 0.3472



79.2050, 0.3290, 0.3577

Sweetspot

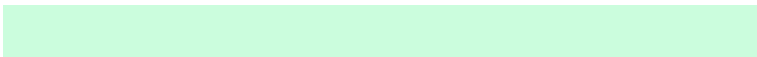
The Sweet Spot groups the original color and five complimentary colors.



79.2082, 0.2819, 0.3098



93.7487, 0.3034, 0.3236



88.1277, 0.3004, 0.3640



19.9247, 0.3024, 0.3230



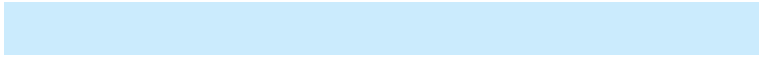
0.0000, 0.0000, 0.0000



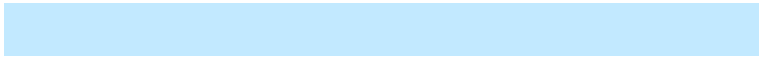
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2082, 0.2819, 0.3098



76.9226, 0.2752, 0.3051



66.1533, 0.2802, 0.2828



19.3169, 0.2980, 0.3202



17.7901, 0.1907, 0.2063



1.9394, 0.1950, 0.2219

Inverse Universe

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



69.6106, 0.3278, 0.2969



65.6360, 0.3318, 0.2897



90.7852, 0.3439, 0.3713



18.1828, 0.3194, 0.3139



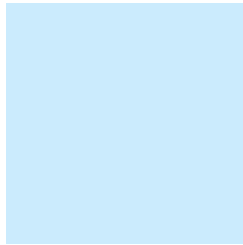
12.5239, 0.4382, 0.2188



1.2403, 0.4212, 0.2094

Previews

White Background



This preview shows how the Yxy color 79.2050, 0.2819, 0.3098 looks on a white background.

Color Contrast Check

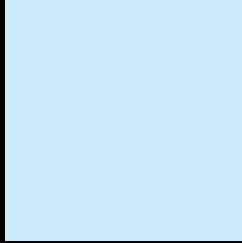
Large Text (above 18pt) WCAG AA × Fail

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 79.2050, 0.2819, 0.3098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

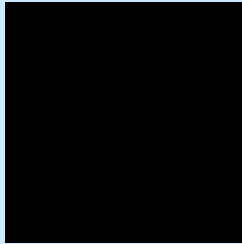
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

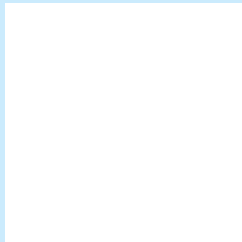
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2050, 0.2819, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 79.2050, 0.2819, 0.3098.

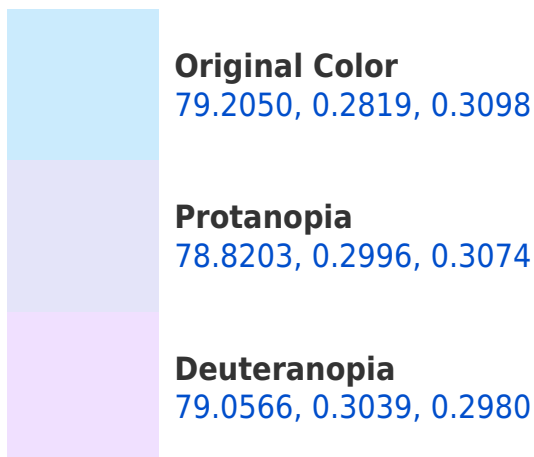


This preview shows how white text looks on a background with the Yxy color 79.2050, 0.2819, 0.3098.

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

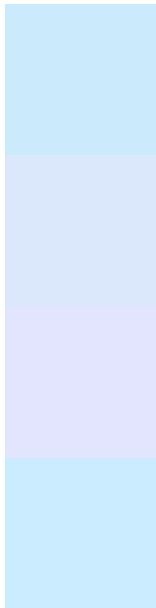




Tritanopia

79.2689, 0.2813, 0.3087

Trichromacy



Original Color

79.2050, 0.2819, 0.3098

Protanomaly

79.1140, 0.2932, 0.3091

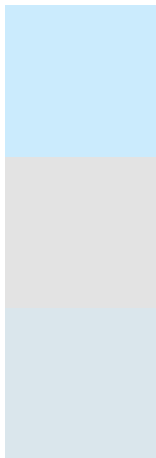
Deuteranomaly

78.9735, 0.2960, 0.3023

Tritanomaly

79.2689, 0.2813, 0.3087

Monochromacy



Original Color

79.2050, 0.2819, 0.3098

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 79.2050, 0.2819, 0.3098 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, 253)` looks like.

```
.text, #text, p{  
    color:rgb(203, 235, 253)  
}
```

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, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 235, 253) }
```

Border

The CSS property to change the border of an element to Yxy 79.2050, 0.2819, 0.3098 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, 253) }
```

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

```
.border{ border-color:rgb(203, 235, 253) }
```

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, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 235, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 235, 253);  
box-shadow:4px 4px 4px 4px rgb(203, 235,  
253) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2050, 0.2819, 0.3098 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, 253) }
```

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

```
.background{ background-color: rgb(203,  
235, 253) }
```

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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