

Converting Colors

$Yxy(79.2208, 0.2787, 0.3137)$

Have a look what the booklet for
Yxy(79.2208, 0.2787, 0.3137)
contains.

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Color

Yxy(79.2692, 0.2790, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	C4EDFB
RGB	196, 237, 251
RGB Percent	77%, 93%, 98%
CMY	0.2311, 0.0706, 0.0156
CMYK	0.22, 0.06, 0.00, 0.02
HSL	195°, 87%, 88%
HSV	195°, 22%, 98%
XYZ	70.4784, 79.2692, 102.8630
YIQ	226.3370, -28.9300, -4.3380

Conversions

Conversions Part 2

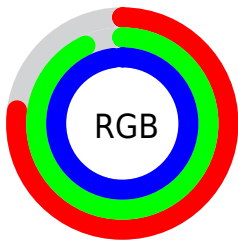
Format	Color
RYB	196, 219, 251
Decimal	12905979
CIELab	91.36, -10.18, -11.15
CIELCh	91, 15.097, 227.593
Yxy	79.2692, 0.2790, 0.3138
Android (android.graphics.Color)	4291096059 (0xFFC4EDFB)
YUV	226.3370, 12.1589, -26.6055
Hunter-Lab	89.0333, -14.5083, -6.1764

Details

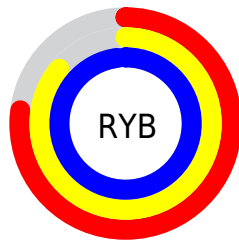
The Yxy color **79.2692, 0.2790, 0.3138** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **70.6482, 0.3543, 0.3437**, and the grayscale version is **76.2481, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **42.6055, 0.2716, 0.3106** is the 20% darker color. If you saturate the color by 10%, you get **72.5358, 0.2642, 0.3058**, and if you desaturate by 10%, it is **86.7050, 0.2943, 0.3211**.

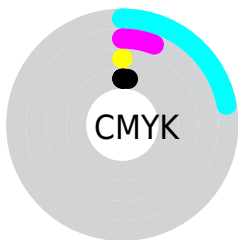
Distribution



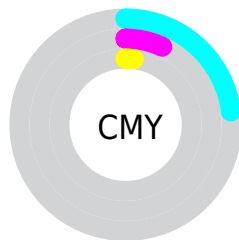
- Red (77%)
- Green (93%)
- Blue (98%)



- Red (77%)
- Yellow (86%)
- Blue (98%)



- Cyan (22%)
- Magenta (6%)
- Yellow (0%)
- Black (2%)



- Cyan (23%)
- Magenta (7%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2692, 0.2790, 0.3138 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 79.2692, 0.2790, 0.3138 by changing the saturation by 10% instead.

79.2692, 0.2790,
0.3138

79.2692, 0.2790,
0.3138

492.4666, 0.2942,
0.3209

59.1172, 0.2756,
0.3122

132.3378, 0.2842,
0.3163

42.7074, 0.2715,
0.3101

166.0231, 0.2862,
0.3172

29.6556, 0.2664,
0.3076

204.9883, 0.2880,
0.3181

19.5774, 0.2598,
0.3042

249.6178, 0.2896,
0.3188

12.0882, 0.2510,
0.2996

300.2960, 0.2909,
0.3194

6.8038, 0.2388,
0.2929

357.4073, 0.2921,

3.3397, 0.2208,

0.3200

0.2826

421.3360, 0.2932,
0.3205

■ 1.3115, 0.1916,
0.2644

■ 0.1501, 0.0000,
0.1374

■ 79.2692, 0.2790,
0.3138

■ 79.2692, 0.2790,
0.3138

■ 72.5358, 0.2642,
0.3058

■ 86.7050, 0.2943,
0.3211

■ 66.4657, 0.2502,
0.2973

■ 94.8608, 0.3098,
0.3278

■ 61.0303, 0.2375,
0.2883

■ 99.7459, 0.3150,
0.3328

■ 56.1949, 0.2262,
0.2789

■ 51.9205, 0.2168,
0.2693

■ 48.1625, 0.2093,
0.2596

■ 44.8676, 0.2039,
0.2500

■ 42.4688, 0.2007,
0.2423

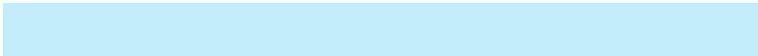
Harmonies

Analogous

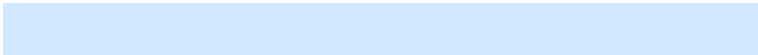
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2692, 0.2848, 0.3294



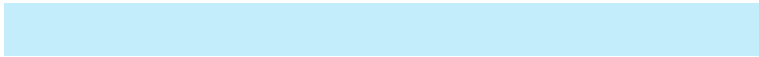
79.2692, 0.2790, 0.3138



79.2692, 0.2819, 0.3029

Triad

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



79.2692, 0.2790, 0.3138



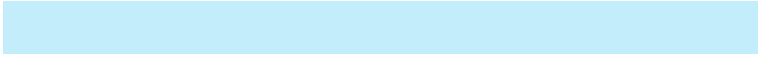
79.2692, 0.3272, 0.3133



79.2692, 0.3323, 0.3601

Complementary

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



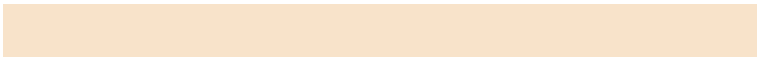
79.2692, 0.2790, 0.3138



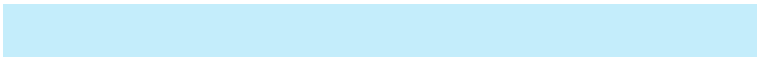
70.6482, 0.3543, 0.3437

Split Complementary

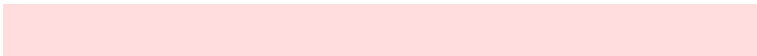
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.2692, 0.3443, 0.3547



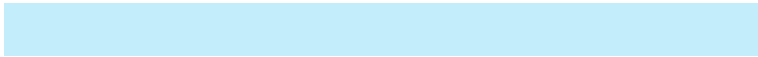
79.2692, 0.2790, 0.3138



79.2692, 0.3414, 0.3276

Square

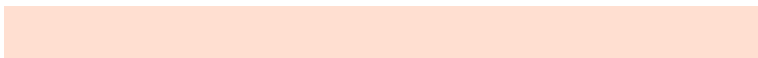
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2692, 0.2790, 0.3138



79.2692, 0.3094, 0.3031



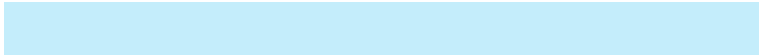
79.2692, 0.3477, 0.3427



79.2692, 0.3153, 0.3569

Rectangle

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



79.2692, 0.2790, 0.3138



79.2692, 0.2885, 0.2996



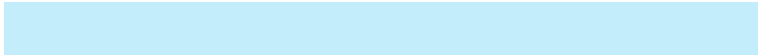
79.2692, 0.3477, 0.3427



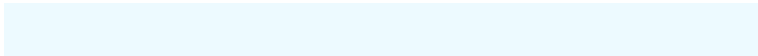
79.2692, 0.3370, 0.3592

Sweetspot

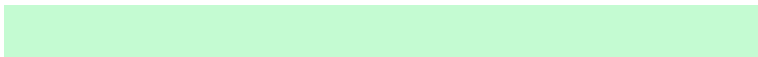
The Sweet Spot groups the original color and five complimentary colors.



79.2724, 0.2790, 0.3138



93.8963, 0.3019, 0.3245



85.3936, 0.3022, 0.3745



19.9888, 0.3009, 0.3241



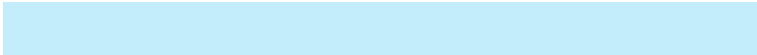
0.0000, 0.0000, 0.0000



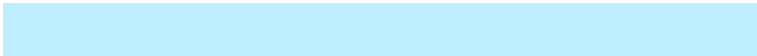
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2724, 0.2790, 0.3138



79.1895, 0.2728, 0.3106



64.7139, 0.2768, 0.2834



18.8140, 0.2980, 0.3228



22.5668, 0.2011, 0.2439



2.2597, 0.2043, 0.2553

Inverse Universe

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



66.1417, 0.3255, 0.2877



63.7033, 0.3284, 0.2796



85.2321, 0.3486, 0.3708



17.4444, 0.3177, 0.3115



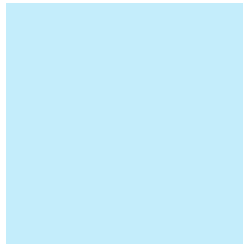
12.6890, 0.3983, 0.1968



1.1923, 0.3870, 0.1906

Previews

White Background



This preview shows how the Yxy color 79.2692, 0.2790, 0.3138 looks on a white background.

Color Contrast Check

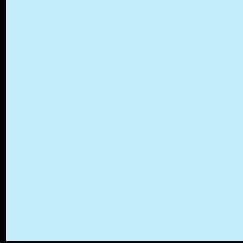
Large Text (above 18pt) WCAG AA × Fail

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 79.2692, 0.2790, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

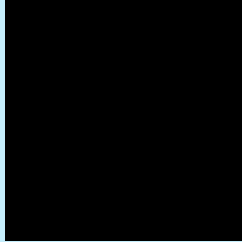
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2692, 0.2790, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 79.2692, 0.2790, 0.3138.

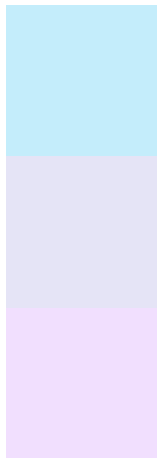


This preview shows how white text looks on a background with the Yxy color 79.2692, 0.2790, 0.3138.

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

79.2692, 0.2790, 0.3138

Protanopia

78.7986, 0.3021, 0.3104

Deuteranopia

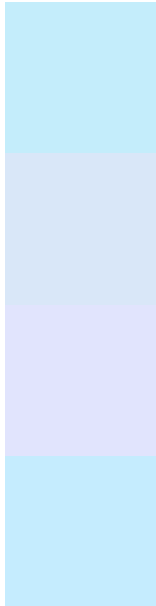
78.6319, 0.3053, 0.2980



Tritanopia

79.0812, 0.2773, 0.3086

Trichromacy



Original Color

79.2692, 0.2790, 0.3138

Protanomaly

78.6809, 0.2931, 0.3111

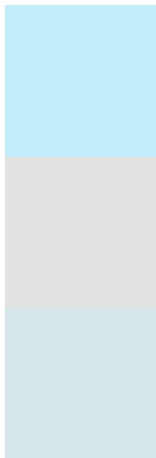
Deuteranomaly

78.5862, 0.2953, 0.3032

Tritanomaly

79.0170, 0.2779, 0.3096

Monochromacy



Original Color

79.2692, 0.2790, 0.3138

Achromatopsia

76.0525, 0.3127, 0.3290

Achromatomaly

77.0389, 0.2996, 0.3236

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2692, 0.2790, 0.3138 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(196, 237, 251)` looks like.

```
.text, #text, p{  
    color:rgb(196, 237, 251)  
}
```

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(196, 237, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 237, 251) }
```

Border

The CSS property to change the border of an element to Yxy 79.2692, 0.2790, 0.3138 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(196, 237, 251) }
```

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

```
.border{ border-color:rgb(196, 237, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 237, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 237, 251); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 237, 251); box-shadow:4px 4px 4px 4px rgb(196, 237, 251) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2692, 0.2790, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 237, 251) }
```

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

```
.background{ background-color: rgb(196,  
237, 251) }
```

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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