

Converting Colors

$Yxy(80.1162, 0.2695, 0.3179)$

Have a look what the booklet for
Yxy(80.1162, 0.2695, 0.3179)
contains.

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Color

Yxy(80.1162, 0.2695, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	B3F2FC
RGB	179, 242, 252
RGB Percent	70%, 95%, 99%
CMY	0.2979, 0.0510, 0.0117
CMYK	0.29, 0.04, 0.00, 0.01
HSL	188°, 92%, 85%
HSV	188°, 29%, 99%
XYZ	67.9186, 80.1162, 103.9822
YIQ	224.3030, -40.7580, -10.2460

Conversions

Conversions Part 2

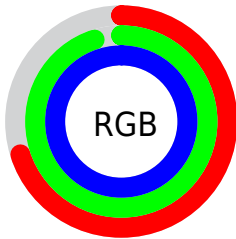
Format	Color
R _Y B	179, 213, 252
Decimal	11793148
CIE Lab	91.74, -17.37, -11.20
CIE LCh	92, 20.668, 212.812
Yxy	80.1162, 0.2695, 0.3179
Android (android.graphics.Color)	4289983228 (0xFFB3F2FC)
YUV	224.3030, 13.6546, -39.7307
Hunter-Lab	89.5077, -21.1923, -6.2226

Details

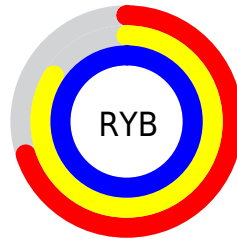
The Yxy color **80.1162, 0.2695, 0.3179** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3642, 0.3742, 0.3398**, and the grayscale version is **74.6978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **43.3430, 0.2604, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **75.3477, 0.2563, 0.3135**, and if you desaturate by 10%, it is **85.4787, 0.2838, 0.3220**.

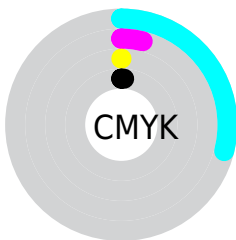
Distribution



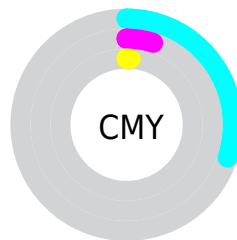
- Red (70%)
- Green (95%)
- Blue (99%)



- Red (70%)
- Yellow (84%)
- Blue (99%)



- Cyan (29%)
- Magenta (4%)
- Yellow (0%)
- Black (1%)





- Cyan (30%)
- Magenta (5%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 80.1162, 0.2695, 0.3179 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 80.1162, 0.2695, 0.3179 by changing the saturation by 10% instead.

 80.1162, 0.2695,
0.3179

 80.1162, 0.2695,
0.3179

495.3243, 0.2889,
0.3233

 59.8140, 0.2652,
0.3166


 133.5291, 0.2761,
0.3198

 43.2687, 0.2600,
0.3150


167.4086, 0.2787,
0.3205

 30.0960, 0.2535,
0.3129


206.5825, 0.2810,
0.3212

 19.9115, 0.2453,
0.3102

251.4355, 0.2829,
0.3217

 12.3307, 0.2344,
0.3063

302.3517, 0.2847,
0.3222

 6.9693, 0.2193,
0.3007

359.7157, 0.2862,

 3.4429, 0.1974,

0.3226

0.2915

423.9118, 0.2876,
0.3230

■ 1.3671, 0.1630,
0.2747

■ 0.1923, 0.0000,
0.1623

■ 80.1162, 0.2695,
0.3179

■ 80.1162, 0.2695,
0.3179

■ 75.3477, 0.2563,
0.3135

■ 85.4787, 0.2838,
0.3220

■ 71.1335, 0.2445,
0.3089

■ 91.4534, 0.2988,
0.3259

■ 67.4437, 0.2343,
0.3041

■ 98.0696, 0.3143,
0.3294

■ 64.2417, 0.2260,
0.2992

■ 99.8086, 0.3144,
0.3319

■ 61.4856, 0.2197,
0.2943

■ 59.1259, 0.2152,
0.2894

■ 57.0894, 0.2125,
0.2846

■ 56.8859, 0.2123,
0.2841

Harmonies

Analogous

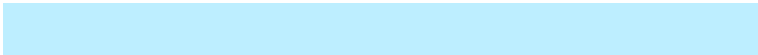
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



80.1162, 0.2824, 0.3406



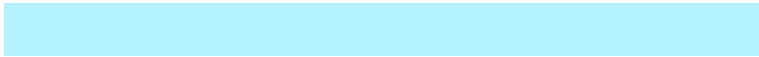
80.1162, 0.2695, 0.3179



80.1162, 0.2677, 0.2995

Triad

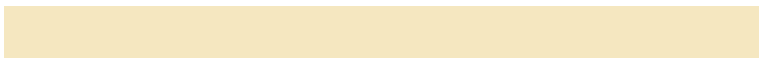
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



80.1162, 0.2695, 0.3179



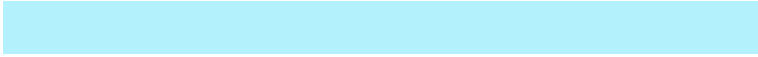
80.1162, 0.3206, 0.3002



80.1162, 0.3486, 0.3692

Complementary

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



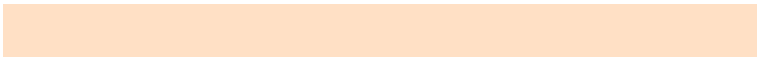
80.1162, 0.2695, 0.3179



60.3642, 0.3742, 0.3398

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.



80.1162, 0.3598, 0.3564



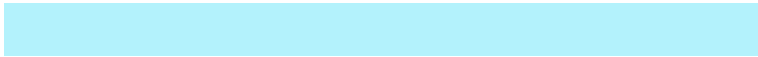
80.1162, 0.2695, 0.3179



80.1162, 0.3434, 0.3171

Square

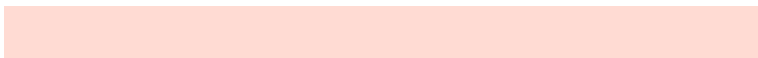
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



80.1162, 0.2695, 0.3179



80.1162, 0.2964, 0.2903



80.1162, 0.3579, 0.3373



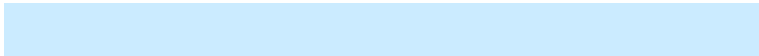
80.1162, 0.3278, 0.3711

Rectangle

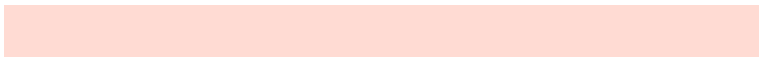
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



80.1162, 0.2695, 0.3179



80.1162, 0.2729, 0.2919



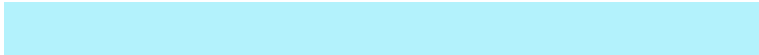
80.1162, 0.3579, 0.3373



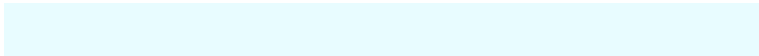
80.1162, 0.3536, 0.3659

Sweetspot

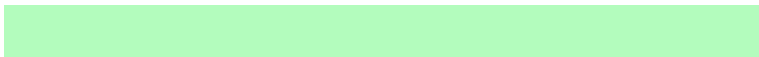
The Sweet Spot groups the original color and five complimentary colors.



80.1194, 0.2695, 0.3179



93.9127, 0.2988, 0.3258



82.8751, 0.3035, 0.4020



19.9014, 0.2965, 0.3253



0.0000, 0.0000, 0.0000



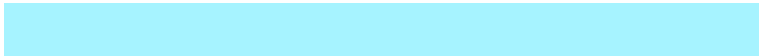
21.4041, 0.3127, 0.3290

Same Dimension

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



80.1194, 0.2695, 0.3179



79.2586, 0.2613, 0.3153



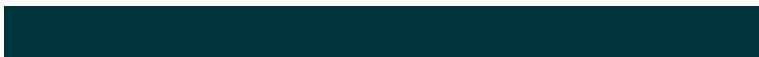
60.6572, 0.2650, 0.2762



19.1788, 0.2980, 0.3257



29.7933, 0.2125, 0.2849



2.8678, 0.2141, 0.2907

Inverse Universe

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



59.3602, 0.3238, 0.2658



54.8983, 0.3266, 0.2526



77.9370, 0.3637, 0.3766



17.4812, 0.3159, 0.3088



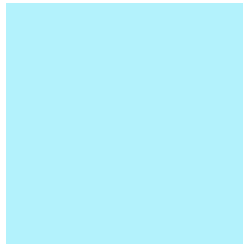
13.4185, 0.3589, 0.1751



1.2537, 0.3537, 0.1722

Previews

White Background



This preview shows how the Yxy color 80.1162, 0.2695, 0.3179 looks on a white background.

Color Contrast Check

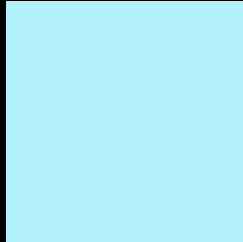
Large Text (above 18pt) WCAG AA × Fail

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 80.1162, 0.2695, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

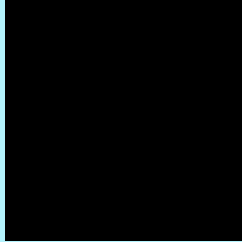
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 80.1162, 0.2695, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 80.1162, 0.2695, 0.3179.

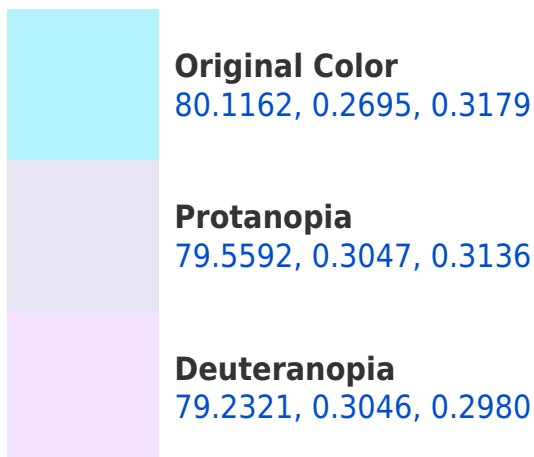


This preview shows how white text looks on a background with the Yxy color 80.1162, 0.2695, 0.3179.

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

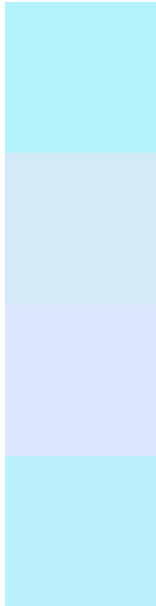




Tritanopia

80.0294, 0.2742, 0.3117

Trichromacy



Original Color

80.1162, 0.2695, 0.3179

Protanomaly

79.5581, 0.2907, 0.3152

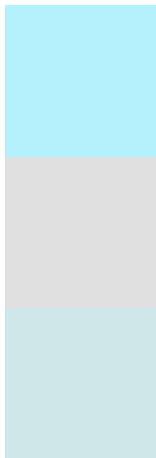
Deuteranomaly

79.2130, 0.2903, 0.3050

Tritanomaly

80.0407, 0.2726, 0.3137

Monochromacy



Original Color

80.1162, 0.2695, 0.3179

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

76.5022, 0.2956, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 80.1162, 0.2695, 0.3179 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(179, 242, 252)` looks like.

```
.text, #text, p{  
    color:rgb(179, 242, 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(179, 242, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 242, 252) }
```

Border

The CSS property to change the border of an element to Yxy 80.1162, 0.2695, 0.3179 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(179, 242, 252) }
```

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

```
.border{ border-color:rgb(179, 242, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 242, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 242, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 242, 252);  
box-shadow:4px 4px 4px 4px rgb(179, 242,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 80.1162, 0.2695, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 242, 252) }
```

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

```
.background{ background-color: rgb(179,  
242, 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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