

Converting Colors

$Yxy(79.5042, 0.2714, 0.3129)$

Have a look what the booklet for
Yxy(79.5042, 0.2714, 0.3129)
contains.

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Color

Yxy(79.2030, 0.2714, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	B9EFFE
RGB	185, 239, 254
RGB Percent	73%, 94%, 100%
CMY	0.2744, 0.0627, 0.0040
CMYK	0.27, 0.06, 0.00, 0.00
HSL	193°, 97%, 86%
HSV	193°, 27%, 100%
XYZ	68.7642, 79.2030, 105.4013
YIQ	224.5640, -36.9990, -6.7830

Conversions

Conversions Part 2

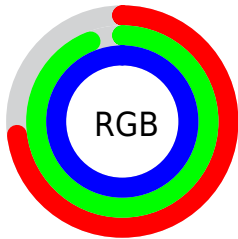
Format	Color
R _Y B	185, 215, 254
Decimal	12185598
CIE Lab	91.33, -13.75, -12.80
CIE LCh	91, 18.787, 222.947
Yxy	79.2030, 0.2714, 0.3126
Android (android.graphics.Color)	4290375678 (0xFFB9EFFE)
YUV	224.5640, 14.5119, -34.6976
Hunter-Lab	88.9961, -17.8223, -7.9221

Details

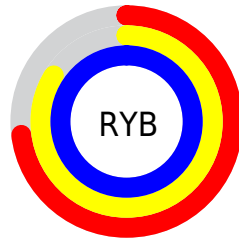
The Yxy color **79.2030, 0.2714, 0.3126** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.8763, 0.3678, 0.3448**, and the grayscale version is **74.8845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.6172, 0.3047, 0.3290**, and **42.6440, 0.2624, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **73.1445, 0.2573, 0.3056**, and if you desaturate by 10%, it is **85.9305, 0.2863, 0.3191**.

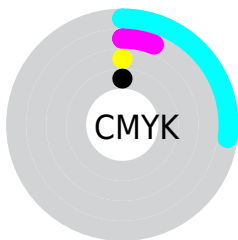
Distribution



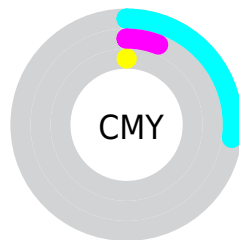
- Red (73%)
- Green (94%)
- Blue (100%)



- Red (73%)
- Yellow (84%)
- Blue (100%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (27%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.2030, 0.2714, 0.3126 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 79.2030, 0.2714, 0.3126 by changing the saturation by 10% instead.

■ 79.2030, 0.2714,
0.3126

■ 79.2030, 0.2714,
0.3126

■ 492.2428, 0.2900,
0.3204

■ 59.0627, 0.2673,
0.3108

■ 132.2446, 0.2777,
0.3153

■ 42.6636, 0.2623,
0.3086

■ 165.9147, 0.2802,
0.3164

■ 29.6213, 0.2561,
0.3057

■ 204.8636, 0.2824,
0.3173

■ 19.5513, 0.2481,
0.3019

■ 249.4756, 0.2843,
0.3180

■ 12.0693, 0.2376,
0.2968

■ 300.1351, 0.2859,
0.3187

■ 6.7909, 0.2230,
0.2893

■ 357.2266, 0.2874,

■ 3.3317, 0.2018,

0.3193

0.2775

421.1343, 0.2888,
0.3199

1.3072, 0.1682,
0.2568

0.1468, 0.0000,
0.1219

79.2030, 0.2714,
0.3126

79.2030, 0.2714,
0.3126

73.1445, 0.2573,
0.3056

85.9305, 0.2863,
0.3191

67.7147, 0.2444,
0.2982

93.3461, 0.3016,
0.3251

62.8829, 0.2328,
0.2904

99.9337, 0.3133,
0.3300

58.6118, 0.2231,
0.2824

■ 54.8593, 0.2152,
0.2744

■ 51.5757, 0.2094,
0.2663

■ 48.6979, 0.2054,
0.2583

■ 47.9235, 0.2045,
0.2560

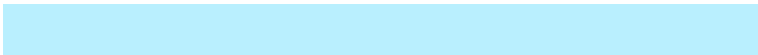
Harmonies

Analogous

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



79.2030, 0.2800, 0.3326



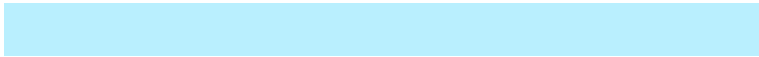
79.2030, 0.2714, 0.3126



79.2030, 0.2733, 0.2981

Triad

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



79.2030, 0.2714, 0.3126



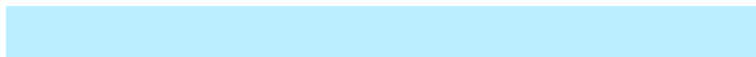
79.2030, 0.3274, 0.3073



79.2030, 0.3398, 0.3675

Complementary

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



79.2030, 0.2714, 0.3126



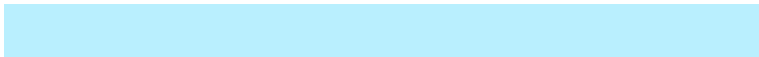
65.8763, 0.3678, 0.3448

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.



79.2030, 0.3534, 0.3589



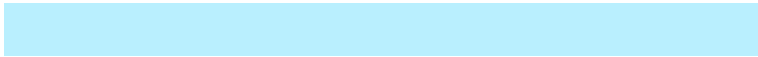
79.2030, 0.2714, 0.3126



79.2030, 0.3462, 0.3242

Square

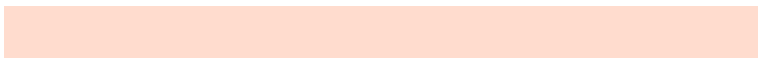
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.2030, 0.2714, 0.3126



79.2030, 0.3051, 0.2957



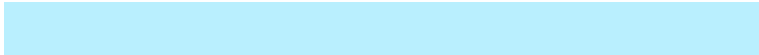
79.2030, 0.3559, 0.3429



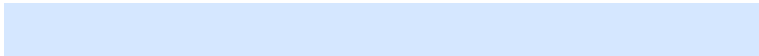
79.2030, 0.3192, 0.3653

Rectangle

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



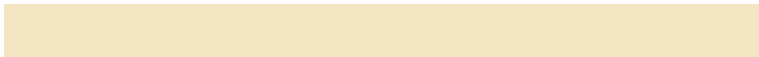
79.2030, 0.2714, 0.3126



79.2030, 0.2804, 0.2932



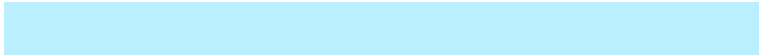
79.2030, 0.3559, 0.3429



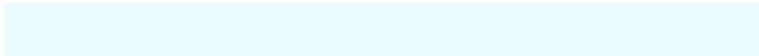
79.2030, 0.3454, 0.3657

Sweetspot

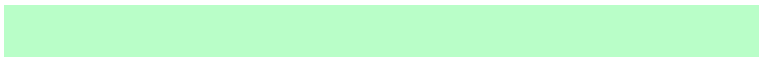
The Sweet Spot groups the original color and five complimentary colors.



79.2062, 0.2714, 0.3126



93.5409, 0.3003, 0.3246



85.3502, 0.3010, 0.3900



19.7728, 0.2980, 0.3237



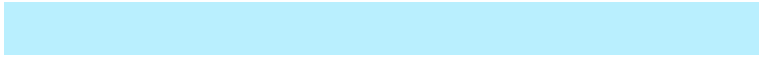
0.0000, 0.0000, 0.0000



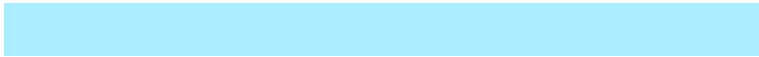
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2062, 0.2714, 0.3126



76.2740, 0.2630, 0.3086



60.9260, 0.2675, 0.2733



19.7728, 0.2980, 0.3237



25.4993, 0.2048, 0.2574



2.6408, 0.2074, 0.2665

Inverse Universe

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



62.0080, 0.3272, 0.2749



56.4279, 0.3311, 0.2631



83.6632, 0.3587, 0.3790



18.2289, 0.3171, 0.3106



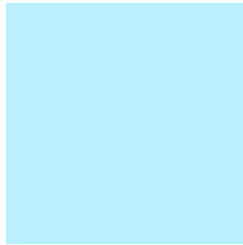
13.3021, 0.3850, 0.1894



1.3111, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 79.2030, 0.2714, 0.3126 looks on a white background.

Color Contrast Check

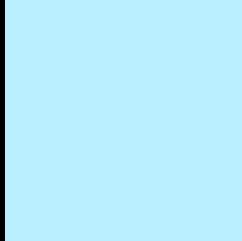
Large Text (above 18pt) WCAG AA × Fail

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 79.2030, 0.2714, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

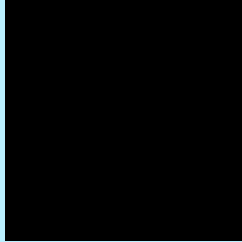
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2030, 0.2714, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 79.2030, 0.2714, 0.3126.

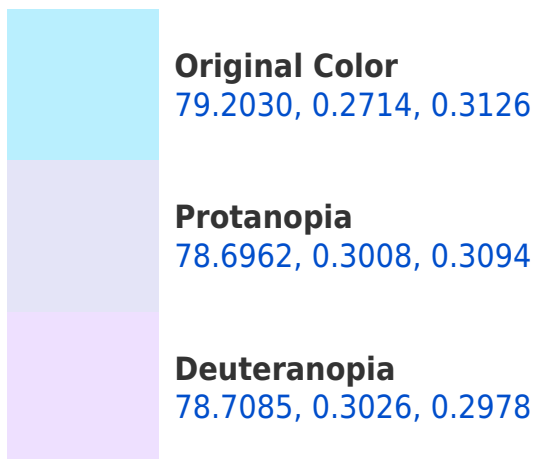


This preview shows how white text looks on a background with the Yxy color 79.2030, 0.2714, 0.3126.

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

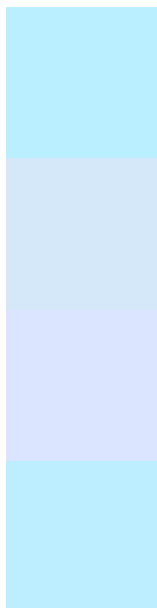




Tritanopia

79.4454, 0.2741, 0.3106

Trichromacy



Original Color

79.2030, 0.2714, 0.3126

Protanomaly

78.6124, 0.2889, 0.3099

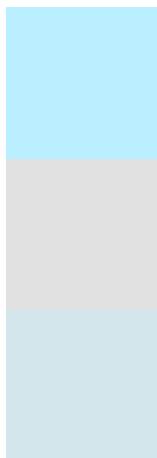
Deuteranomaly

78.3187, 0.2903, 0.3020

Tritanomaly

79.1879, 0.2730, 0.3105

Monochromacy



Original Color

79.2030, 0.2714, 0.3126

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.3514, 0.2957, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2030, 0.2714, 0.3126 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(185, 239, 254)` looks like.

```
.text, #text, p{  
    color:rgb(185, 239, 254)  
}
```

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(185, 239, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 239, 254) }
```

Border

The CSS property to change the border of an element to Yxy 79.2030, 0.2714, 0.3126 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(185, 239, 254) }
```

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

```
.border{ border-color:rgb(185, 239, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 239, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 239, 254); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 239, 254); box-shadow:4px 4px 4px 4px rgb(185, 239, 254) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2030, 0.2714, 0.3126 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 239, 254) }
```

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

```
.background{ background-color: rgb(185,  
239, 254) }
```

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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