

Converting Colors

$Yxy(81.3530, 0.2584, 0.2869)$

Have a look what the booklet for
Yxy(81.3530, 0.2584, 0.2869)
contains.

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Color

Yxy(79.7305, 0.2704, 0.3126)

Conversions

Conversions Part 1

Format	Color
Hex	B8F0FF
RGB	184, 240, 255
RGB Percent	72%, 94%, 100%
CMY	0.2786, 0.0588, 0.0000
CMYK	0.28, 0.06, 0.00, 0.00
HSL	193°, 100%, 86%
HSV	193°, 28%, 100%
XYZ	68.9671, 79.7305, 106.3583
YIQ	224.9660, -38.1910, -7.2070

Conversions

Conversions Part 2

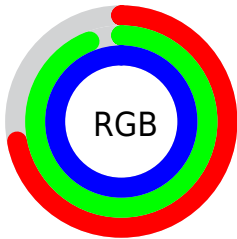
Format	Color
RYB	184, 215, 255
Decimal	12120319
CIELab	91.56, -14.34, -12.99
CIELCh	92, 19.344, 222.175
Yxy	79.7305, 0.2704, 0.3126
Android (android.graphics.Color)	4290310399 (0xFFB8F0FF)
YUV	224.9660, 14.8068, -35.9272
Hunter-Lab	89.2919, -18.3914, -8.1178

Details

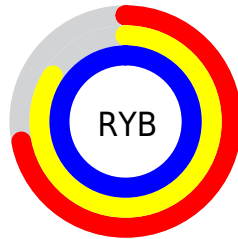
The Yxy color **79.7305, 0.2704, 0.3126** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.5329, 0.3698, 0.3447**, and the grayscale version is **75.1765, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **43.0253, 0.2614, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **73.7451, 0.2564, 0.3058**, and if you desaturate by 10%, it is **86.3836, 0.2852, 0.3190**.

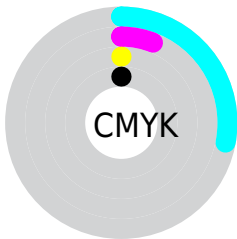
Distribution



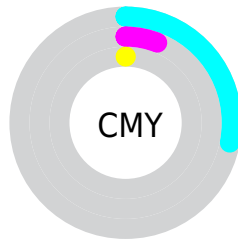
- Red (72%)
- Green (94%)
- Blue (100%)



- Red (72%)
- Yellow (84%)
- Blue (100%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)
- Black (0%)



- Cyan (28%)
- Magenta (6%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.7305, 0.2704, 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 79.7305, 0.2704, 0.3126 by changing the saturation by 10% instead.

79.7305, 0.2704,
0.3126

79.7305, 0.2704,
0.3126

494.0241, 0.2894,
0.3204

59.4966, 0.2662,
0.3108

132.9868, 0.2769,
0.3153

43.0130, 0.2611,
0.3086

166.7779, 0.2794,
0.3164

29.8953, 0.2548,
0.3057

205.8570, 0.2816,
0.3173

19.7592, 0.2466,
0.3019

250.6083, 0.2836,
0.3181

12.2201, 0.2359,
0.2968

301.4163, 0.2853,
0.3187

6.8938, 0.2212,
0.2893

358.6653, 0.2868,

3.3957, 0.1997,

0.3193

0.2775

422.7398, 0.2881,
0.3199

■ 1.3417, 0.1660,
0.2568

■ 0.1731, 0.0000,
0.1357

■ 79.7305, 0.2704,
0.3126

■ 79.7305, 0.2704,
0.3126

■ 73.7451, 0.2564,
0.3058

■ 86.3836, 0.2852,
0.3190

■ 68.3865, 0.2436,
0.2986

■ 93.7239, 0.3005,
0.3248

■ 63.6237, 0.2323,
0.2910

99.9998, 0.3127,
0.3290

■ 59.4188, 0.2228,
0.2833

■ 55.7288, 0.2152,
0.2754

■ 52.5031, 0.2095,
0.2676

■ 49.6741, 0.2058,
0.2599

■ 49.1001, 0.2051,
0.2583

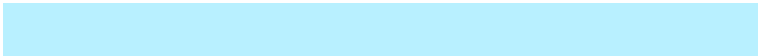
Harmonies

Analogous

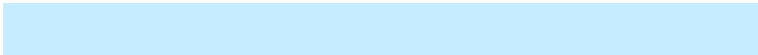
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.7305, 0.2795, 0.3332



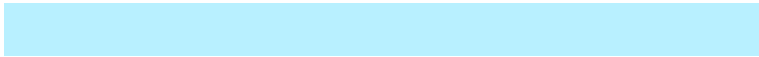
79.7305, 0.2704, 0.3126



79.7305, 0.2721, 0.2975

Triad

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



79.7305, 0.2704, 0.3126



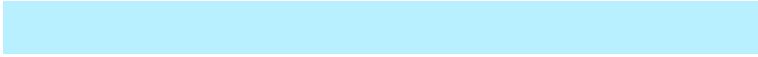
79.7305, 0.3272, 0.3063



79.7305, 0.3410, 0.3684

Complementary

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



79.7305, 0.2704, 0.3126



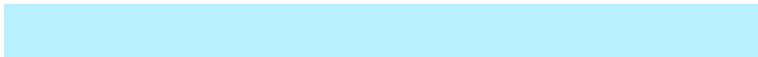
65.5329, 0.3698, 0.3447

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.



79.7305, 0.3548, 0.3593



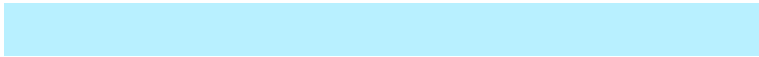
79.7305, 0.2704, 0.3126



79.7305, 0.3468, 0.3236

Square

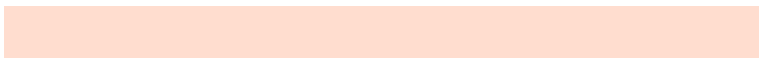
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



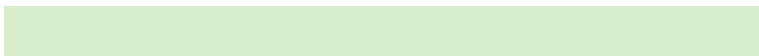
79.7305, 0.2704, 0.3126



79.7305, 0.3042, 0.2946



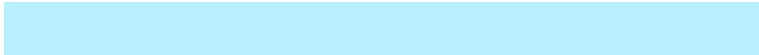
79.7305, 0.3570, 0.3428



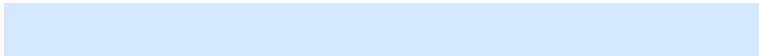
79.7305, 0.3199, 0.3665

Rectangle

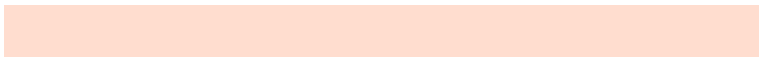
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



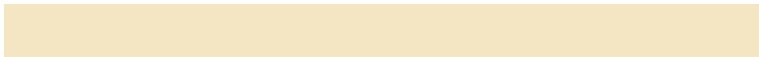
79.7305, 0.2704, 0.3126



79.7305, 0.2792, 0.2923



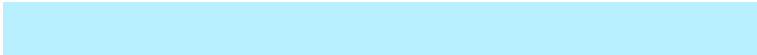
79.7305, 0.3570, 0.3428



79.7305, 0.3467, 0.3665

Sweetspot

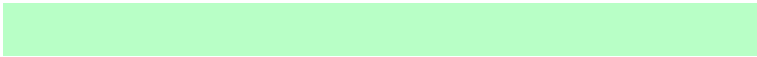
The Sweet Spot groups the original color and five complimentary colors.



79.7337, 0.2704, 0.3126



93.6203, 0.3003, 0.3247



85.7867, 0.3013, 0.3933



19.7929, 0.2980, 0.3239



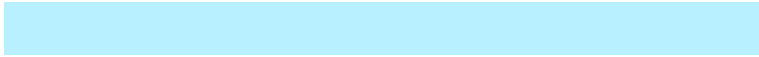
0.0000, 0.0000, 0.0000



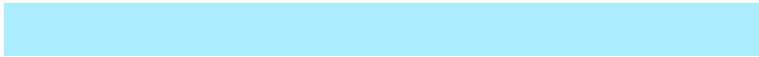
21.4041, 0.3127, 0.3290

Same Dimension

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



79.7337, 0.2704, 0.3126



76.5781, 0.2631, 0.3092



61.1930, 0.2663, 0.2730



19.7929, 0.2980, 0.3239



25.8813, 0.2054, 0.2595



2.6750, 0.2079, 0.2684

Inverse Universe

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



61.8118, 0.3273, 0.2730



56.4586, 0.3307, 0.2626



83.3832, 0.3603, 0.3793



18.2309, 0.3170, 0.3104



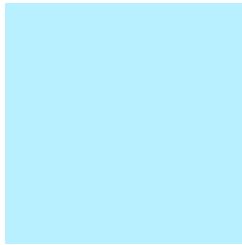
13.3407, 0.3828, 0.1883



1.3146, 0.3744, 0.1836

Previews

White Background



This preview shows how the Yxy color 79.7305, 0.2704, 0.3126 looks on a white background.

Color Contrast Check

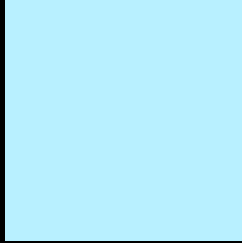
Large Text (above 18pt) WCAG AA × Fail

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 79.7305, 0.2704, 0.3126 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

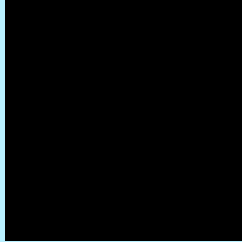
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.7305, 0.2704, 0.3126

Background



This preview shows how black text looks on a background with the Yxy color 79.7305, 0.2704, 0.3126.

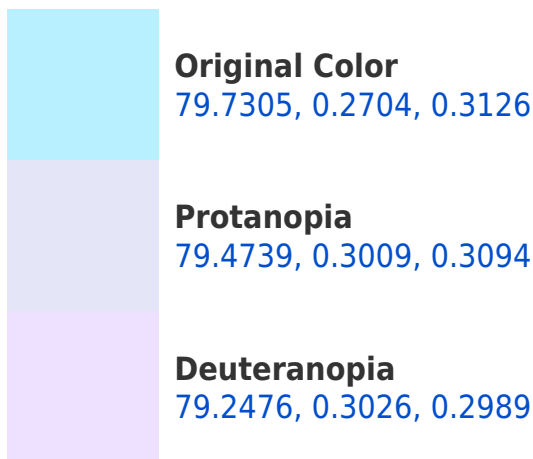


This preview shows how white text looks on a background with the Yxy color 79.7305, 0.2704, 0.3126.

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

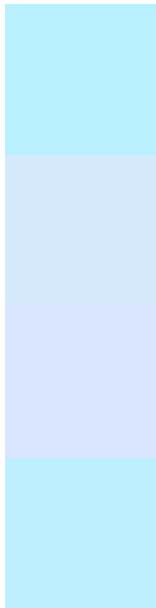




Tritanopia

79.5755, 0.2746, 0.3106

Trichromacy



Original Color

79.7305, 0.2704, 0.3126

Protanomaly

79.3890, 0.2890, 0.3100

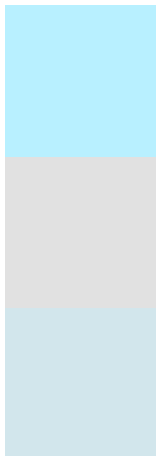
Deuteranomaly

78.7191, 0.2897, 0.3030

Tritanomaly

79.7718, 0.2731, 0.3116

Monochromacy



Original Color

79.7305, 0.2704, 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 79.7305, 0.2704, 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(184, 240, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 240, 255)  
}
```

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(184, 240, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 240, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.7305, 0.2704, 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(184, 240, 255) }
```

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

```
.border{ border-color:rgb(184, 240, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 240, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 240, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 240, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 240,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.7305, 0.2704, 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(184, 240, 255) }
```

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

```
.background{ background-color: rgb(184,  
240, 255) }
```

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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