

Converting Colors

$Yxy(79.2517, 0.2769, 0.3289)$

Have a look what the booklet for
Yxy(79.2517, 0.2769, 0.3289)
contains.

Yxy(79.2066, 0.2766, 0.3289)	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(79.2066, 0.2766, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	B6F1F1
RGB	182, 241, 241
RGB Percent	71%, 95%, 95%
CMY	0.2866, 0.0548, 0.0549
CMYK	0.25, 0.00, 0.00, 0.05
HSL	180°, 68%, 83%
HSV	180°, 25%, 95%
XYZ	66.6116, 79.2066, 95.0046
YIQ	223.3590, -35.1640, -12.5080

Conversions

Conversions Part 2

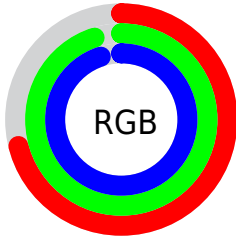
Format	Color
RYB	182, 212, 241
Decimal	11989489
CIELab	91.33, -18.49, -6.07
CIElCh	91, 19.462, 198.160
Yxy	79.2066, 0.2766, 0.3289
Android (android.graphics.Color)	4290179569 (0xFFB6F1F1)
YUV	223.3590, 8.6970, -36.2718
Hunter-Lab	88.9981, -22.1464, -0.9928

Details

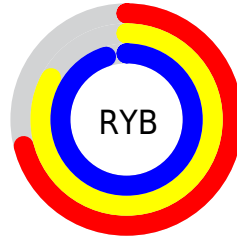
The Yxy color **79.2066, 0.2766, 0.3289** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.5043, 0.3643, 0.3291**, and the grayscale version is **74.0083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0907, 0.3029, 0.3290**, and **42.7127, 0.2684, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **76.5248, 0.2639, 0.3289**, and if you desaturate by 10%, it is **82.3997, 0.2906, 0.3289**.

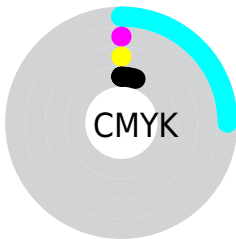
Distribution



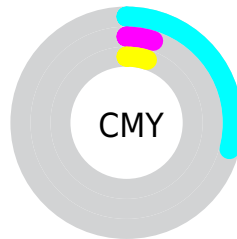
- Red (71%)
- Green (95%)
- Blue (95%)



- Red (71%)
- Yellow (83%)
- Blue (95%)



- Cyan (25%)
- Magenta (0%)
- Yellow (0%)
- Black (5%)





- Cyan (29%)
- Magenta (5%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2066, 0.2766, 0.3289 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 79.2066, 0.2766, 0.3289 by changing the saturation by 10% instead.

 79.2066, 0.2766,
0.3289

 79.2066, 0.2766,
0.3289


492.2550, 0.2929,
0.3292

 59.0657, 0.2730,
0.3288


 132.2497, 0.2822,
0.3290

 42.6660, 0.2685,
0.3286


165.9206, 0.2844,
0.3291

 29.6231, 0.2630,
0.3284


204.8704, 0.2863,
0.3291

 19.5527, 0.2559,
0.3280

249.4833, 0.2879,
0.3291

 12.0703, 0.2464,
0.3274

300.1439, 0.2894,
0.3291

 6.7916, 0.2332,
0.3263

357.2364, 0.2907,

 3.3321, 0.2136,

0.3292

421.1453, 0.2919,
0.3292

0.3241

1.3075, 0.1808,
0.3193

0.1470, 0.0000,
0.2010

79.2066, 0.2766,
0.3289

79.2066, 0.2766,
0.3289

76.5248, 0.2639,
0.3289

82.3997, 0.2906,
0.3289

74.3189, 0.2528,
0.3288


86.1186, 0.3057,
0.3290

72.5639, 0.2434,
0.3288

90.3889, 0.3214,
0.3290

71.2286, 0.2360,
0.3288

90.5346, 0.3219,
0.3290


 70.2782, 0.2306,
0.3288

 90.5347, 0.3219,
0.3290


 69.6718, 0.2270,
0.3288


 90.5349, 0.3219,
0.3290

 69.3596, 0.2252,
0.3288

 90.5351, 0.3219,
0.3290

 69.2723, 0.2247,
0.3288

 90.5353, 0.3219,
0.3290

 90.5355, 0.3219,
0.3290

Harmonies

Analogous

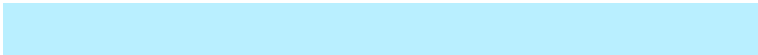
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2066, 0.2932, 0.3499



79.2066, 0.2766, 0.3289



79.2066, 0.2695, 0.3088

Triad

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



79.2066, 0.2766, 0.3289



79.2066, 0.3087, 0.2961



79.2066, 0.3532, 0.3621

Complementary

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



79.2066, 0.2766, 0.3289



55.5043, 0.3643, 0.3291

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.



79.2066, 0.3580, 0.3466



79.2066, 0.2766, 0.3289



79.2066, 0.3318, 0.3093

Square

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



79.2066, 0.2766, 0.3289



79.2066, 0.2875, 0.2909



79.2066, 0.3500, 0.3274



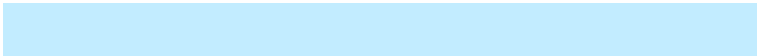
79.2066, 0.3374, 0.3693

Rectangle

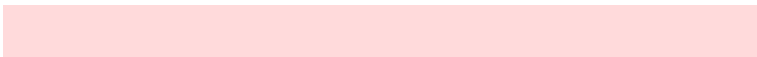
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.2066, 0.2766, 0.3289



79.2066, 0.2709, 0.2988



79.2066, 0.3500, 0.3274



79.2066, 0.3562, 0.3577

Sweetspot

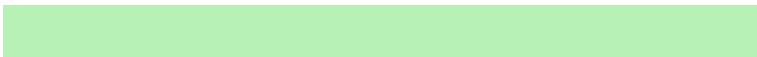
The Sweet Spot groups the original color and five complimentary colors.



79.2098, 0.2766, 0.3289



96.7702, 0.3018, 0.3290



76.3528, 0.3101, 0.3985



20.6563, 0.3009, 0.3290



0.0000, 0.0000, 0.0000



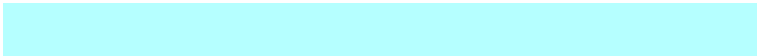
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2098, 0.2766, 0.3289



88.5692, 0.2706, 0.3289



63.6041, 0.2738, 0.2961



17.9290, 0.2981, 0.3290



37.5579, 0.2247, 0.3288



3.1245, 0.2247, 0.3288

Inverse Universe

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



55.5043, 0.3643, 0.3291



57.6667, 0.3774, 0.3292



68.4129, 0.3570, 0.3598



15.7589, 0.3293, 0.3290



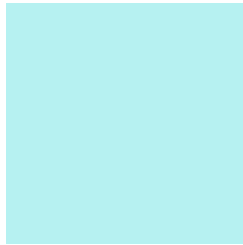
10.1411, 0.6401, 0.3300



0.8437, 0.6400, 0.3299

Previews

White Background



This preview shows how the Yxy color 79.2066, 0.2766, 0.3289 looks on a white background.

Color Contrast Check

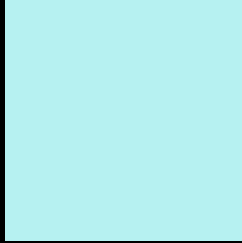
Large Text (above 18pt) WCAG AA × Fail

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 79.2066, 0.2766, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

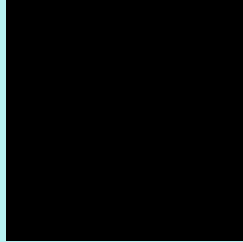
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.2066, 0.2766, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 79.2066, 0.2766, 0.3289.

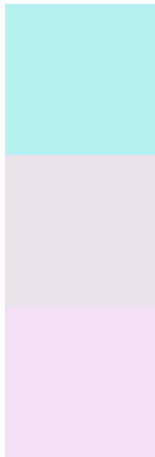


This preview shows how white text looks on a background with the Yxy color 79.2066, 0.2766, 0.3289.

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

79.2066, 0.2766, 0.3289

Protanopia

78.5258, 0.3123, 0.3238

Deuteranopia

78.7804, 0.3138, 0.3070



Tritanopia

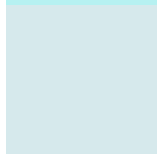
79.3162, 0.2735, 0.3105

Trichromacy



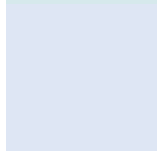
Original Color

79.2066, 0.2766, 0.3289



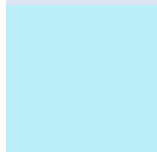
Protanomaly

78.6301, 0.2983, 0.3258



Deuteranomaly

78.6549, 0.2987, 0.3143



Tritanomaly

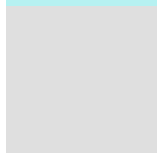
79.1999, 0.2745, 0.3169

Monochromacy



Original Color

79.2066, 0.2766, 0.3289



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.7167, 0.2980, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2066, 0.2766, 0.3289 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(182, 241, 241)` looks like.

```
.text, #text, p{  
    color:rgb(182, 241, 241)  
}
```

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(182, 241, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 241, 241) }
```

Border

The CSS property to change the border of an element to Yxy 79.2066, 0.2766, 0.3289 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(182, 241, 241) }
```

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

```
.border{ border-color:rgb(182, 241, 241) }
```

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

Here you see how a box with a 4 pixel rgb(182, 241, 241) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 241, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 241, 241);  
box-shadow:4px 4px 4px 4px rgb(182, 241,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2066, 0.2766, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 241, 241) }
```

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

```
.background{ background-color: rgb(182,  
241, 241) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor