

Converting Colors

$Yxy(80.0852, 0.2697, 0.3296)$

Have a look what the booklet for
Yxy(80.0852, 0.2697, 0.3296)
contains.

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Color

Yxy(79.8909, 0.2695, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	ABF4F4
RGB	171, 244, 244
RGB Percent	67%, 96%, 96%
CMY	0.3297, 0.0431, 0.0432
CMYK	0.30, 0.00, 0.00, 0.04
HSL	180°, 77%, 81%
HSV	180°, 30%, 96%
XYZ	65.4624, 79.8909, 97.5500
YIQ	222.1730, -43.5080, -15.4760

Conversions

Conversions Part 2

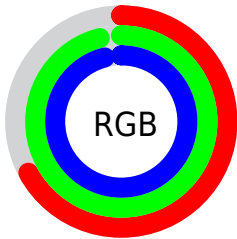
Format	Color
R _Y B	171, 208, 244
Decimal	11269364
CIE Lab	91.64, -22.39, -7.23
CIE LCh	92, 23.527, 197.887
Yxy	79.8909, 0.2695, 0.3289
Android (android.graphics.Color)	4289459444 (0xFFABF4F4)
YUV	222.1730, 10.7607, -44.8787
Hunter-Lab	89.3817, -25.6860, -2.1411

Details

The Yxy color **79.8909, 0.2695, 0.3289** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **51.2773, 0.3801, 0.3292**, and the grayscale version is **73.1135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.2340, 0.2964, 0.3290**, and **43.3103, 0.2602, 0.3288** is the 20% darker color. If you saturate the color by 10%, you get **77.4029, 0.2576, 0.3289**, and if you desaturate by 10%, it is **82.8911, 0.2829, 0.3289**.

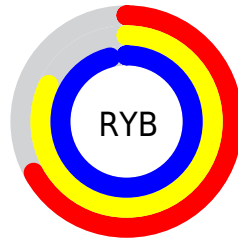
Distribution



Red (67%)

Green (96%)

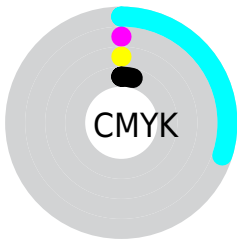
Blue (96%)



Red (67%)

Yellow (82%)

Blue (96%)

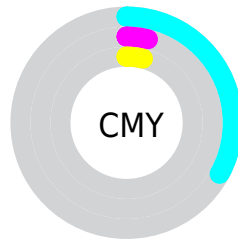


Cyan (30%)

Magenta (0%)

Yellow (0%)

Black (4%)



Cyan (33%)


Magenta (4%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.8909, 0.2695, 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 79.8909, 0.2695, 0.3289 by changing the saturation by 10% instead.


 79.8909, 0.2695,
0.3289

 79.8909, 0.2695,
0.3289

494.5651, 0.2889,
0.3293

 59.6286, 0.2652,
0.3287


 133.2123, 0.2761,
0.3291

 43.1193, 0.2600,
0.3285


167.0402, 0.2787,
0.3291

 29.9788, 0.2534,
0.3282


206.1588, 0.2810,
0.3292

 19.8225, 0.2450,
0.3277

250.9524, 0.2830,
0.3292

 12.2661, 0.2340,
0.3268

301.8054, 0.2847,
0.3292

 6.9251, 0.2186,
0.3253


359.1023, 0.2863,


 3.4153, 0.1962,


0.3292


423.2274, 0.2877,
0.3293


0.3222


 1.3522, 0.1584,
0.3160


 0.1811, 0.0000,
0.2050


 79.8909, 0.2695,
0.3289


 79.8909, 0.2695,
0.3289


 77.4029, 0.2576,
0.3289


 82.8911, 0.2829,
0.3289


 75.3895, 0.2474,
0.3289

 86.4195, 0.2974,
0.3290


 73.8234, 0.2392,
0.3288

 90.5034, 0.3128,
0.3290

 72.6705, 0.2328,
0.3288


 92.5054, 0.3199,
0.3290

 71.8917, 0.2284,
0.3288


 92.5059, 0.3198,
0.3290


 71.4407, 0.2258,
0.3288


 92.5064, 0.3198,
0.3290

 71.2403, 0.2247,
0.3289

 92.5070, 0.3198,
0.3290

 71.2395, 0.2247,
0.3289

 92.5075, 0.3198,
0.3290

 92.5081, 0.3198,
0.3290

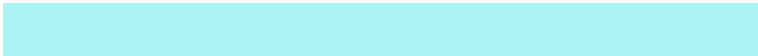
Harmonies

Analogous

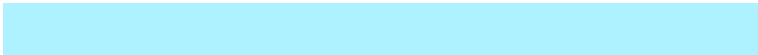
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.8909, 0.2893, 0.3546



79.8909, 0.2695, 0.3289



79.8909, 0.2610, 0.3046

Triad

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



79.8909, 0.2695, 0.3289



79.8909, 0.3075, 0.2896



79.8909, 0.3616, 0.3686

Complementary

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



79.8909, 0.2695, 0.3289



51.2773, 0.3801, 0.3292

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.



79.8909, 0.3674, 0.3496



79.8909, 0.2695, 0.3289



79.8909, 0.3354, 0.3052

Square

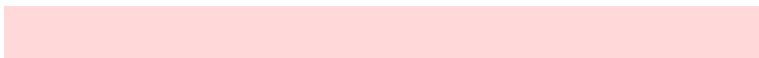
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



79.8909, 0.2695, 0.3289



79.8909, 0.2822, 0.2835



79.8909, 0.3576, 0.3267



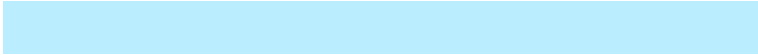
79.8909, 0.3425, 0.3778

Rectangle

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



79.8909, 0.2695, 0.3289



79.8909, 0.2626, 0.2927



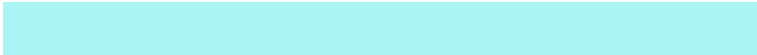
79.8909, 0.3576, 0.3267



79.8909, 0.3652, 0.3631

Sweetspot

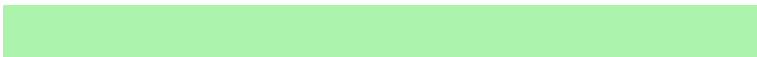
The Sweet Spot groups the original color and five complimentary colors.



79.8941, 0.2695, 0.3289



95.9036, 0.2988, 0.3290



76.4382, 0.3093, 0.4167



20.3958, 0.2966, 0.3290



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

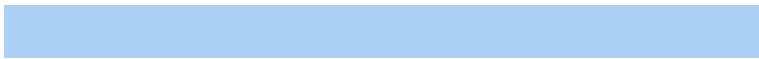
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.8941, 0.2695, 0.3289



86.5455, 0.2620, 0.3289



60.6353, 0.2648, 0.2876



18.7577, 0.2981, 0.3290



38.7297, 0.2247, 0.3288



3.4040, 0.2247, 0.3288

Inverse Universe

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



51.2773, 0.3801, 0.3292



50.1782, 0.4003, 0.3292



66.4418, 0.3689, 0.3670



16.4826, 0.3294, 0.3290



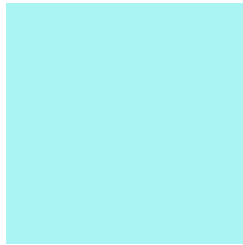
10.4580, 0.6400, 0.3299



0.9192, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 79.8909, 0.2695, 0.3289 looks on a white background.

Color Contrast Check

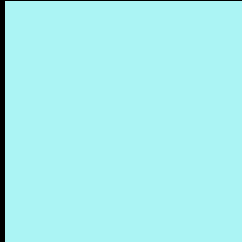
Large Text (above 18pt) WCAG AA × Fail

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 79.8909, 0.2695, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

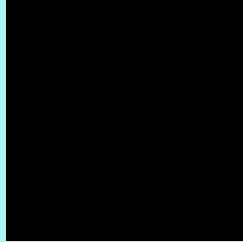
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.8909, 0.2695, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 79.8909, 0.2695, 0.3289.

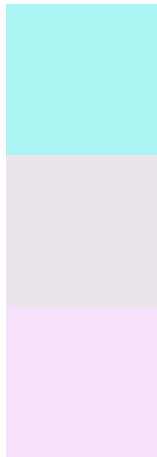


This preview shows how white text looks on a background with the Yxy color 79.8909, 0.2695, 0.3289.

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

79.8909, 0.2695, 0.3289

Protanopia

79.3604, 0.3116, 0.3228

Deuteranopia

79.3217, 0.3111, 0.3050



Tritanopia

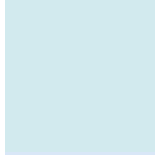
79.6444, 0.2725, 0.3116

Trichromacy



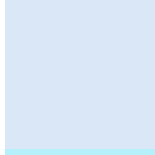
Original Color

79.8909, 0.2695, 0.3289



Protanomaly

78.7203, 0.2946, 0.3247



Deuteranomaly

78.6189, 0.2937, 0.3121



Tritanomaly

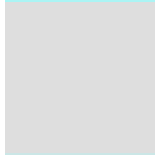
79.8207, 0.2715, 0.3179

Monochromacy



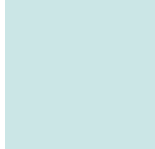
Original Color

79.8909, 0.2695, 0.3289



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

75.0033, 0.2948, 0.3289

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.8909, 0.2695, 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(171, 244, 244)` looks like.

```
.text, #text, p{  
    color:rgb(171, 244, 244)  
}
```

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(171, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 244, 244) }
```

Border

The CSS property to change the border of an element to Yxy 79.8909, 0.2695, 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(171, 244, 244) }
```

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

```
.border{ border-color:rgb(171, 244, 244) }
```

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

Here you see how a box with a 4 pixel rgb(171, 244, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(171, 244,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 79.8909, 0.2695, 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(171, 244, 244) }
```

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

```
.background{ background-color: rgb(171,  
244, 244) }
```

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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