

Converting Colors

$Yxy(79.1481, 0.2670, 0.3419)$

Have a look what the booklet for
Yxy(79.1481, 0.2670, 0.3419)
contains.

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Color

Yxy(79.0778, 0.2672, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	9DF6EB
RGB	157, 246, 235
RGB Percent	62%, 96%, 92%
CMY	0.3839, 0.0354, 0.0784
CMYK	0.36, 0.00, 0.04, 0.04
HSL	173°, 83%, 79%
HSV	173°, 36%, 96%
XYZ	61.8729, 79.0778, 90.6095
YIQ	218.1350, -49.5130, -22.2890

Conversions

Conversions Part 2

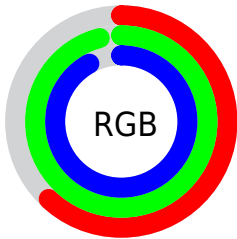
Format	Color
R _Y B	157, 204, 246
Decimal	10352363
CIE Lab	91.27, -29.03, -3.17
CIE LCh	91, 29.206, 186.236
Yxy	79.0778, 0.2672, 0.3415
Android (android.graphics.Color)	4288542443 (0xFF9DF6EB)
YUV	218.1350, 8.3144, -53.6154
Hunter-Lab	88.9257, -31.4229, 1.8353

Details

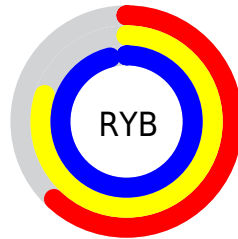
The Yxy color **79.0778, 0.2672, 0.3415** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.5720, 0.3894, 0.3173**, and the grayscale version is **70.1946, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **42.4166, 0.2571, 0.3441** is the 20% darker color. If you saturate the color by 10%, you get **76.6746, 0.2574, 0.3455**, and if you desaturate by 10%, it is **81.9885, 0.2785, 0.3377**.

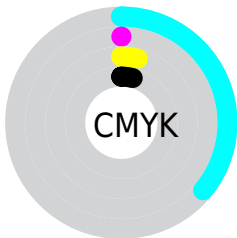
Distribution



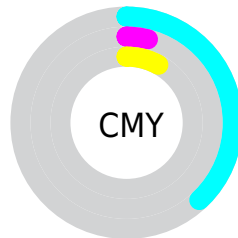
- Red (62%)
- Green (96%)
- Blue (92%)



- Red (62%)
- Yellow (80%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (4%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0778, 0.2672, 0.3415 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 79.0778, 0.2672, 0.3415 by changing the saturation by 10% instead.

 79.0778, 0.2672,
0.3415


 79.0778, 0.2672,
0.3415


491.8195, 0.2878,
0.3360

 58.9598, 0.2626,
0.3427


 132.0684, 0.2742,
0.3397

 42.5807, 0.2570,
0.3441


 165.7097, 0.2770,
0.3389

 29.5563, 0.2500,
0.3458


204.6276, 0.2794,
0.3383

 19.5021, 0.2410,
0.3480

249.2065, 0.2815,
0.3377

 12.0336, 0.2291,
0.3509

299.8307, 0.2833,
0.3372

 6.7666, 0.2125,
0.3546

356.8847, 0.2850,

 3.3165, 0.1879,

0.3368

420.7528, 0.2864,
0.3364

0.3596

1.2991, 0.1364,
0.3715

0.1405, 0.0000,
0.2727

79.0778, 0.2672,
0.3415

79.0778, 0.2672,
0.3415

76.6746, 0.2574,
0.3455

81.9885, 0.2785,
0.3377

74.7393, 0.2492,
0.3497


85.4248, 0.2909,
0.3341

73.2418, 0.2430,
0.3540

89.4153, 0.3043,
0.3309

72.1445, 0.2387,
0.3584


93.8880, 0.3178,
0.3279

 71.4032, 0.2363,
0.3627

 94.0772, 0.3160,
0.3250

 70.9632, 0.2357,
0.3671

 94.2694, 0.3142,
0.3221

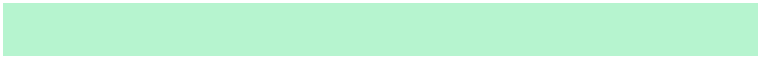
 70.8409, 0.2358,
0.3687

 94.3827, 0.3131,
0.3204

Harmonies

Analogous

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



79.0778, 0.2957, 0.3719



79.0778, 0.2672, 0.3415



79.0778, 0.2511, 0.3091

Triad

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



79.0778, 0.2672, 0.3415



79.0778, 0.2930, 0.2762



79.0778, 0.3787, 0.3695

Complementary

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



79.0778, 0.2672, 0.3415



46.5720, 0.3894, 0.3173

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.



79.0778, 0.3785, 0.3431



79.0778, 0.2672, 0.3415



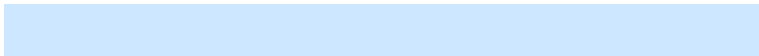
79.0778, 0.3275, 0.2911

Square

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



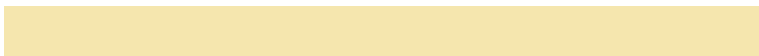
79.0778, 0.2672, 0.3415



79.0778, 0.2653, 0.2735



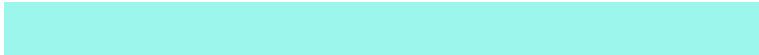
79.0778, 0.3594, 0.3150



79.0778, 0.3604, 0.3871

Rectangle

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



79.0778, 0.2672, 0.3415



79.0778, 0.2489, 0.2915



79.0778, 0.3594, 0.3150



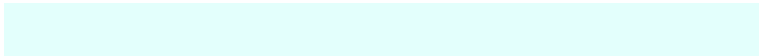
79.0778, 0.3808, 0.3613

Sweetspot

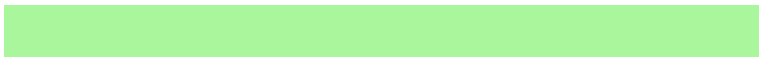
The Sweet Spot groups the original color and five complimentary colors.



79.0810, 0.2672, 0.3415



94.8417, 0.2976, 0.3324



76.7715, 0.3147, 0.4362



20.1752, 0.2958, 0.3329



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

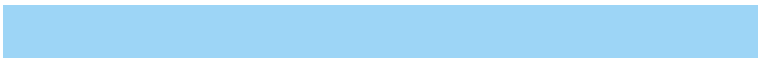
The Same Dimension uses a secret algorithm to generate beautiful new colors.



79.0810, 0.2672, 0.3415



83.9503, 0.2602, 0.3443



61.6213, 0.2565, 0.2903



18.7205, 0.2997, 0.3319



37.8315, 0.2356, 0.3680



3.3347, 0.2341, 0.3626

Inverse Universe

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



46.5720, 0.3894, 0.3173



44.1172, 0.4119, 0.3151



58.7247, 0.3875, 0.3644



16.5158, 0.3274, 0.3261



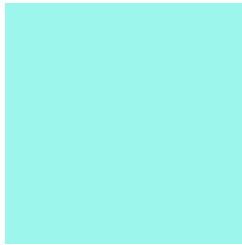
10.5197, 0.6247, 0.3215



0.9350, 0.5976, 0.3066

Previews

White Background



This preview shows how the Yxy color 79.0778, 0.2672, 0.3415 looks on a white background.

Color Contrast Check

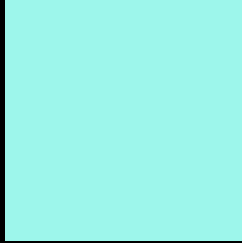
Large Text (above 18pt) WCAG AA × Fail

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 79.0778, 0.2672, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

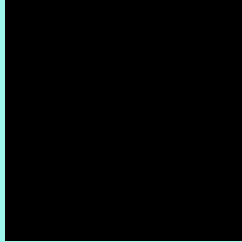
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0778, 0.2672, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 79.0778, 0.2672, 0.3415.

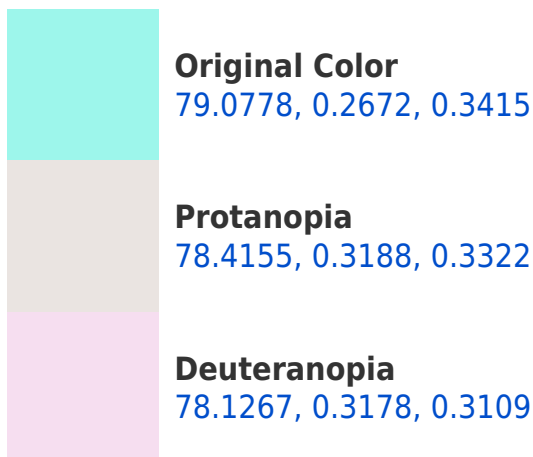


This preview shows how white text looks on a background with the Yxy color 79.0778, 0.2672, 0.3415.

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

78.6563, 0.2682, 0.3114

Trichromacy



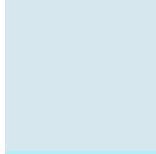
Original Color

79.0778, 0.2672, 0.3415



Protanomaly

78.1956, 0.2974, 0.3355



Deuteranomaly

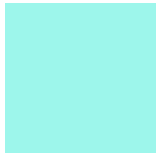
77.6210, 0.2971, 0.3215



Tritanomaly

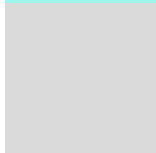
79.0522, 0.2678, 0.3222

Monochromacy



Original Color

79.0778, 0.2672, 0.3415



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

72.6044, 0.2938, 0.3335

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0778, 0.2672, 0.3415 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(157, 246, 235)` looks like.

```
.text, #text, p{  
    color:rgb(157, 246, 235)  
}
```

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(157, 246, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 246, 235) }
```

Border

The CSS property to change the border of an element to Yxy 79.0778, 0.2672, 0.3415 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(157, 246, 235) }
```

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

```
.border{ border-color:rgb(157, 246, 235) }
```

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

Here you see how a box with a 4 pixel rgb(157, 246, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 246, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 246, 235);  
box-shadow:4px 4px 4px 4px rgb(157, 246,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0778, 0.2672, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 246, 235) }
```

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

```
.background{ background-color: rgb(157,  
246, 235) }
```

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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