

Converting Colors

$Yxy(79.4441, 0.2686, 0.3378)$

Have a look what the booklet for
Yxy(79.4441, 0.2686, 0.3378)
contains.

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Color

Yxy(79.2644, 0.2685, 0.3368)

Conversions

Conversions Part 1

Format	Color
Hex	A3F5EE
RGB	163, 245, 238
RGB Percent	64%, 96%, 93%
CMY	0.3609, 0.0392, 0.0665
CMYK	0.33, 0.00, 0.03, 0.04
HSL	175°, 80%, 80%
HSV	175°, 33%, 96%
XYZ	63.1903, 79.2644, 92.8909
YIQ	219.6840, -46.6250, -19.5610

Conversions

Conversions Part 2

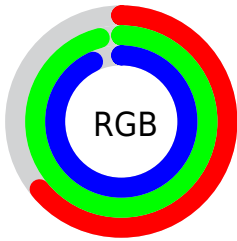
Format	Color
R _Y B	163, 206, 245
Decimal	10745326
CIE Lab	91.35, -26.34, -4.59
CIE LCh	91, 26.740, 189.890
Yxy	79.2644, 0.2685, 0.3368
Android (android.graphics.Color)	4288935406 (0xFFA3F5EE)
YUV	219.6840, 9.0298, -49.7119
Hunter-Lab	89.0306, -29.1114, 0.4606

Details

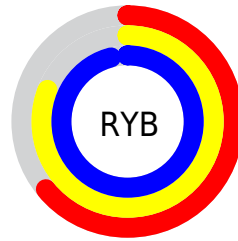
The Yxy color **79.2644, 0.2685, 0.3368** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.4995, 0.3846, 0.3216**, and the grayscale version is **71.2987, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **42.4696, 0.2585, 0.3379** is the 20% darker color. If you saturate the color by 10%, you get **76.8059, 0.2579, 0.3395**, and if you desaturate by 10%, it is **82.2315, 0.2805, 0.3343**.

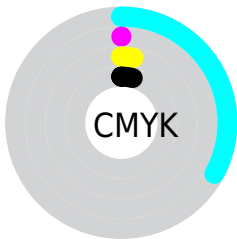
Distribution



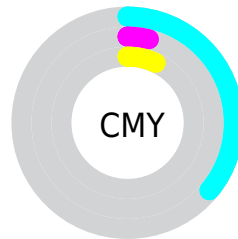
- Red (64%)
- Green (96%)
- Blue (93%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)




- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2644, 0.2685, 0.3368 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 79.2644, 0.2685, 0.3368 by changing the saturation by 10% instead.

 79.2644, 0.2685,
0.3368


 79.2644, 0.2685,
0.3368


492.4503, 0.2884,
0.3335

 59.1132, 0.2641,
0.3375


 132.3310, 0.2753,
0.3357

 42.7043, 0.2587,
0.3383


 166.0152, 0.2780,
0.3353

 29.6531, 0.2519,
0.3392


204.9793, 0.2803,
0.3349

 19.5755, 0.2432,
0.3404

249.6075, 0.2824,
0.3346

 12.0868, 0.2317,
0.3418

300.2843, 0.2841,
0.3343

 6.8028, 0.2157,
0.3435


357.3942, 0.2857,


 3.3391, 0.1921,


0.3340


421.3214, 0.2872,
0.3337


0.3454


 1.3112, 0.1471,
0.3497


 0.1499, 0.0000,
0.2363


 79.2644, 0.2685,
0.3368


 79.2644, 0.2685,
0.3368


 76.8059, 0.2579,
0.3395


 82.2315, 0.2805,
0.3343


 74.8176, 0.2490,
0.3423

 85.7246, 0.2937,
0.3319

 73.2705, 0.2420,
0.3452

 89.7715, 0.3077,
0.3297

 72.1287, 0.2369,
0.3481

 93.2438, 0.3184,
0.3277

■ 71.3505, 0.2337,
0.3510

■ 93.3724, 0.3171,
0.3257

■ 70.8852, 0.2323,
0.3539

■ 93.5025, 0.3158,
0.3237

■ 70.7013, 0.2322,
0.3558

■ 93.6340, 0.3146,
0.3217

■ 93.7670, 0.3134,
0.3198

■ 93.7878, 0.3132,
0.3194

Harmonies

Analogous

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



79.2644, 0.2936, 0.3652



79.2644, 0.2685, 0.3368



79.2644, 0.2553, 0.3077

Triad

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



79.2644, 0.2685, 0.3368



79.2644, 0.2984, 0.2815



79.2644, 0.3719, 0.3688

Complementary

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



79.2644, 0.2685, 0.3368



48.4995, 0.3846, 0.3216

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.



79.2644, 0.3738, 0.3453



79.2644, 0.2685, 0.3368



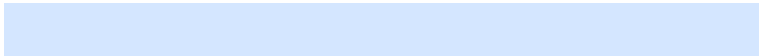
79.2644, 0.3302, 0.2965

Square

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



79.2644, 0.2685, 0.3368



79.2644, 0.2718, 0.2776



79.2644, 0.3583, 0.3193



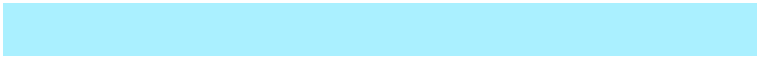
79.2644, 0.3535, 0.3832

Rectangle

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



79.2644, 0.2685, 0.3368



79.2644, 0.2544, 0.2924



79.2644, 0.3583, 0.3193



79.2644, 0.3745, 0.3617

Sweetspot

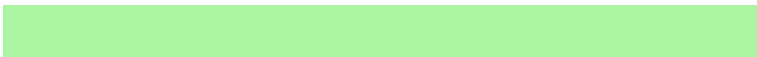
The Sweet Spot groups the original color and five complimentary colors.



79.2676, 0.2685, 0.3368



95.3418, 0.2984, 0.3311



76.6295, 0.3130, 0.4276



20.2777, 0.2965, 0.3314



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.



79.2676, 0.2685, 0.3368



84.9673, 0.2613, 0.3386



61.5609, 0.2601, 0.2902



18.7321, 0.2992, 0.3310



38.0968, 0.2320, 0.3553



3.3554, 0.2310, 0.3517

Inverse Universe

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



48.4995, 0.3846, 0.3216



46.6389, 0.4059, 0.3202



61.4412, 0.3795, 0.3646



16.5053, 0.3280, 0.3270



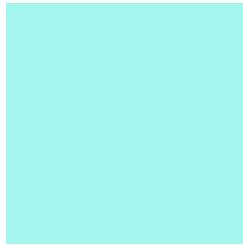
10.4947, 0.6308, 0.3248



0.9301, 0.6101, 0.3134

Previews

White Background



This preview shows how the Yxy color 79.2644, 0.2685, 0.3368 looks on a white background.

Color Contrast Check

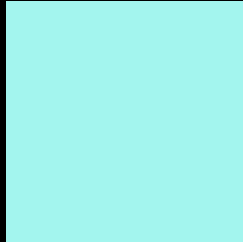
Large Text (above 18pt) WCAG AA × Fail

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 79.2644, 0.2685, 0.3368 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

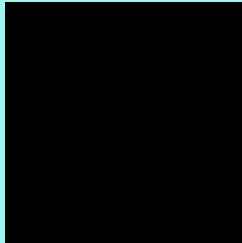
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

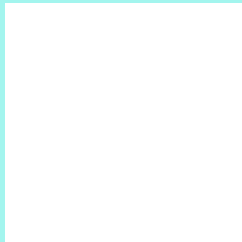
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.2644, 0.2685, 0.3368

Background



This preview shows how black text looks on a background with the Yxy color 79.2644, 0.2685, 0.3368.

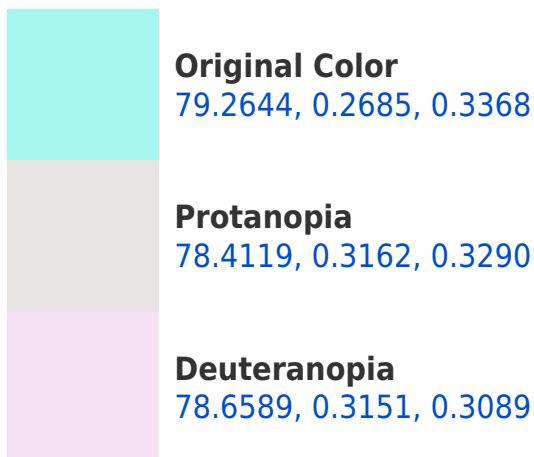


This preview shows how white text looks on a background with the Yxy color 79.2644, 0.2685, 0.3368.

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

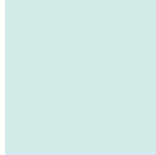
79.0203, 0.2698, 0.3114

Trichromacy



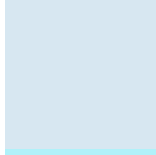
Original Color

79.2644, 0.2685, 0.3368



Protanomaly

78.0817, 0.2969, 0.3311



Deuteranomaly

77.9498, 0.2960, 0.3183



Tritanomaly

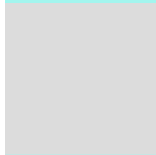
78.9803, 0.2693, 0.3200

Monochromacy



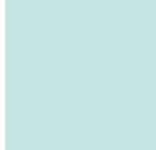
Original Color

79.2644, 0.2685, 0.3368



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.7268, 0.2939, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2644, 0.2685, 0.3368 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(163, 245, 238)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 238)  
}
```

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(163, 245, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 238) }
```

Border

The CSS property to change the border of an element to Yxy 79.2644, 0.2685, 0.3368 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(163, 245, 238) }
```

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

```
.border{ border-color:rgb(163, 245, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 245, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 245, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 245, 238);  
box-shadow:4px 4px 4px 4px rgb(163, 245,  
238) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2644, 0.2685, 0.3368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 245, 238) }
```

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

```
.background{ background-color: rgb(163,  
245, 238) }
```

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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