

Converting Colors

$Yxy(79.2488, 0.2670, 0.3324)$

Have a look what the booklet for
Yxy(79.2488, 0.2670, 0.3324)
contains.

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Color

Yxy(79.4422, 0.2671, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	A3F5F1
RGB	163, 245, 241
RGB Percent	64%, 96%, 95%
CMY	0.3605, 0.0392, 0.0549
CMYK	0.33, 0.00, 0.02, 0.04
HSL	177°, 80%, 80%
HSV	177°, 33%, 96%
XYZ	63.6443, 79.4422, 95.1924
YIQ	220.0260, -47.5880, -18.6280

Conversions

Conversions Part 2

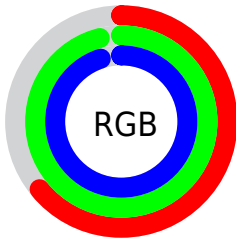
Format	Color
R _Y B	163, 205, 245
Decimal	10745329
CIE Lab	91.43, -25.65, -6.01
CIE LCh	91, 26.340, 193.186
Yxy	79.4422, 0.2671, 0.3334
Android (android.graphics.Color)	4288935409 (0xFFA3F5F1)
YUV	220.0260, 10.3402, -50.0118
Hunter-Lab	89.1304, -28.5186, -0.9313

Details

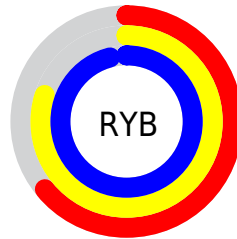
The Yxy color **79.4422, 0.2671, 0.3334** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.4262, 0.3874, 0.3248**, and the grayscale version is **71.5534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9556, 0.2917, 0.3289**, and **43.0238, 0.2569, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **77.0321, 0.2562, 0.3349**, and if you desaturate by 10%, it is **82.3601, 0.2795, 0.3320**.

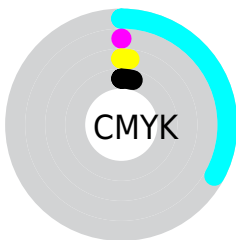
Distribution



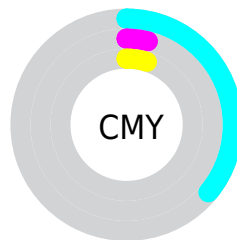
- Red (64%)
- Green (96%)
- Blue (95%)



- Red (64%)
- Yellow (80%)
- Blue (96%)



- Cyan (33%)
- Magenta (0%)
- Yellow (2%)
- Black (4%)





- Cyan (36%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.4422, 0.2671, 0.3334 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 79.4422, 0.2671, 0.3334 by changing the saturation by 10% instead.


 79.4422, 0.2671,
0.3334


 79.4422, 0.2671,
0.3334

493.0510, 0.2876,
0.3317

 59.2595, 0.2625,
0.3337


 132.5812, 0.2741,
0.3329

 42.8220, 0.2570,
0.3340


 166.3063, 0.2769,
0.3327

 29.7455, 0.2501,
0.3344


205.3142, 0.2793,
0.3325

 19.6455, 0.2412,
0.3348

249.9894, 0.2814,
0.3323

 12.1376, 0.2294,
0.3351

300.7163, 0.2832,
0.3321

 6.8375, 0.2132,
0.3353

357.8793, 0.2848,

 3.3607, 0.1893,

0.3320

421.8627, 0.2863,
0.3318

0.3347

1.3228, 0.1457,
0.3339

0.1588, 0.0000,
0.2112

79.4422, 0.2671,
0.3334

79.4422, 0.2671,
0.3334

77.0321, 0.2562,
0.3349

82.3601, 0.2795,
0.3320

75.0913, 0.2470,
0.3365

85.8029, 0.2931,
0.3306

73.5910, 0.2397,
0.3381

89.7987, 0.3076,
0.3294

72.4950, 0.2344,
0.3398

93.2002, 0.3187,
0.3283

■ 71.7619, 0.2309,
0.3414

■ 93.2738, 0.3180,
0.3271

■ 71.3411, 0.2293,
0.3430

■ 93.3478, 0.3173,
0.3260

■ 71.1852, 0.2289,
0.3440

■ 93.4224, 0.3165,
0.3248

■ 93.4974, 0.3158,
0.3237

■ 93.5729, 0.3151,
0.3225

Harmonies

Analogous

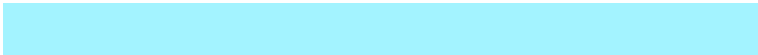
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.4422, 0.2908, 0.3619



79.4422, 0.2671, 0.3334



79.4422, 0.2555, 0.3053

Triad

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



79.4422, 0.2671, 0.3334



79.4422, 0.3020, 0.2833



79.4422, 0.3697, 0.3704

Complementary

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



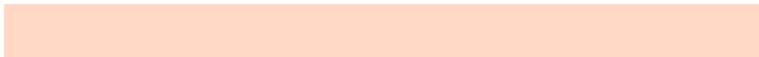
79.4422, 0.2671, 0.3334



48.4262, 0.3874, 0.3248

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.



79.4422, 0.3735, 0.3479



79.4422, 0.2671, 0.3334



79.4422, 0.3333, 0.2991

Square

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



79.4422, 0.2671, 0.3334



79.4422, 0.2748, 0.2782



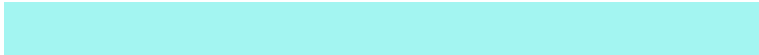
79.4422, 0.3600, 0.3222



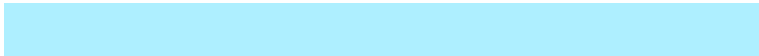
79.4422, 0.3501, 0.3831

Rectangle

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



79.4422, 0.2671, 0.3334



79.4422, 0.2558, 0.2909



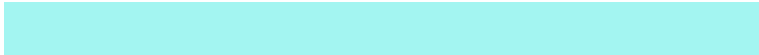
79.4422, 0.3600, 0.3222



79.4422, 0.3729, 0.3636

Sweetspot

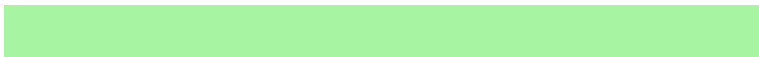
The Sweet Spot groups the original color and five complimentary colors.



79.4454, 0.2671, 0.3334



95.4005, 0.2979, 0.3302



76.1817, 0.3105, 0.4282



20.2920, 0.2959, 0.3304



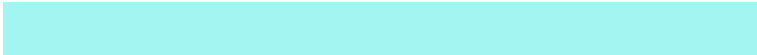
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



79.4454, 0.2671, 0.3334



85.1958, 0.2597, 0.3344



59.5626, 0.2596, 0.2853



18.7430, 0.2987, 0.3301



38.3579, 0.2288, 0.3438



3.3755, 0.2283, 0.3418

Inverse Universe

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



48.4262, 0.3874, 0.3248



46.5104, 0.4097, 0.3241



63.3388, 0.3780, 0.3688



16.4956, 0.3286, 0.3279



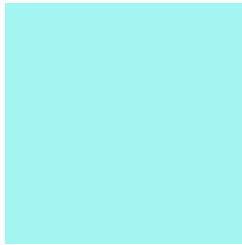
10.4778, 0.6350, 0.3272



0.9254, 0.6223, 0.3202

Previews

White Background



This preview shows how the Yxy color 79.4422, 0.2671, 0.3334 looks on a white background.

Color Contrast Check

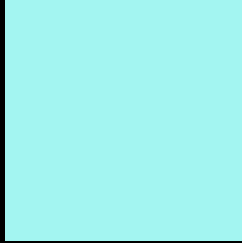
Large Text (above 18pt) WCAG AA × Fail

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 79.4422, 0.2671, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

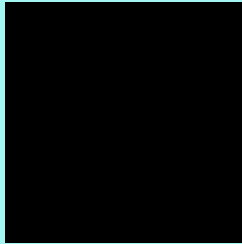
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.4422, 0.2671, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 79.4422, 0.2671, 0.3334.

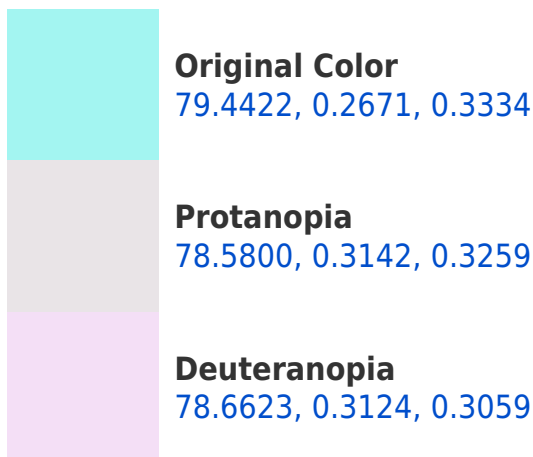


This preview shows how white text looks on a background with the Yxy color 79.4422, 0.2671, 0.3334.

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



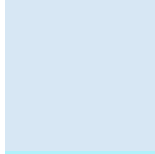
Original Color

79.4422, 0.2671, 0.3334



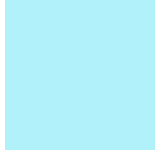
Protanomaly

78.2537, 0.2951, 0.3279



Deuteranomaly

78.1306, 0.2942, 0.3152



Tritanomaly

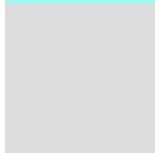
79.0428, 0.2688, 0.3189

Monochromacy



Original Color

79.4422, 0.2671, 0.3334



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.7822, 0.2933, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4422, 0.2671, 0.3334 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, 241)` looks like.

```
.text, #text, p{  
    color:rgb(163, 245, 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(163, 245, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 245, 241) }
```

Border

The CSS property to change the border of an element to Yxy 79.4422, 0.2671, 0.3334 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, 241) }
```

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

```
.border{ border-color:rgb(163, 245, 241) }
```

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, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 245, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 245, 241);  
box-shadow:4px 4px 4px 4px rgb(163, 245,  
241) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4422, 0.2671, 0.3334 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, 241) }
```

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

```
.background{ background-color: rgb(163,  
245, 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](#).

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