

Converting Colors

$Yxy(73.9723, 0.2715, 0.3396)$

Have a look what the booklet for
Yxy(73.9723, 0.2715, 0.3396)
contains.

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Color

Yxy(73.7469, 0.2715, 0.3394)

Conversions

Conversions Part 1

Format	Color
Hex	A1EDE4
RGB	161, 237, 228
RGB Percent	63%, 93%, 89%
CMY	0.3685, 0.0706, 0.1058
CMYK	0.32, 0.00, 0.04, 0.07
HSL	173°, 68%, 78%
HSV	173°, 32%, 93%
XYZ	58.9932, 73.7469, 84.5460
YIQ	213.2500, -42.4070, -18.9110

Conversions

Conversions Part 2

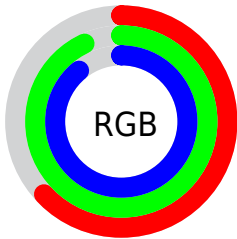
Format	Color
RYB	161, 201, 237
Decimal	10612196
CIELab	88.80, -25.23, -3.13
CIELCh	89, 25.424, 187.076
Yxy	73.7469, 0.2715, 0.3394
Android (android.graphics.Color)	4288802276 (0xFFA1EDE4)
YUV	213.2500, 7.2718, -45.8232
Hunter-Lab	85.8760, -27.6611, 1.7415

Details

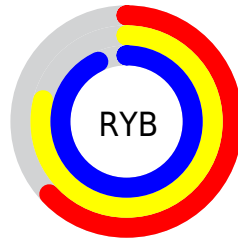
The Yxy color **73.7469, 0.2715, 0.3394** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **46.4064, 0.3777, 0.3191**, and the grayscale version is **66.6940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.6454, 0.2906, 0.3289**, and **39.1290, 0.2618, 0.3413** is the 20% darker color. If you saturate the color by 10%, you get **71.3619, 0.2610, 0.3432**, and if you desaturate by 10%, it is **76.6070, 0.2833, 0.3359**.

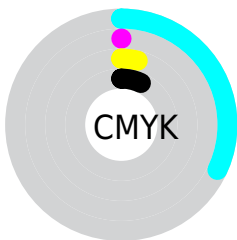
Distribution



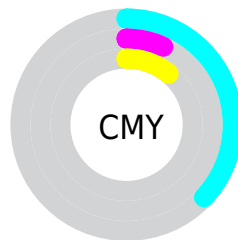
- Red (63%)
- Green (93%)
- Blue (89%)



- Red (63%)
- Yellow (79%)
- Blue (93%)



- Cyan (32%)
- Magenta (0%)
- Yellow (4%)
- Black (7%)




- Cyan (37%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7469, 0.2715, 0.3394 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 73.7469, 0.2715, 0.3394 by changing the saturation by 10% instead.


 73.7469, 0.2715,
0.3394


 73.7469, 0.2715,
0.3394


473.5994, 0.2904,
0.3348

 54.5869, 0.2672,
0.3404


 124.5370, 0.2780,
0.3378

 39.0711, 0.2620,
0.3416


 156.9358, 0.2806,
0.3372

 26.8150, 0.2554,
0.3431


194.5164, 0.2827,
0.3367

 17.4344, 0.2468,
0.3450

237.6631, 0.2847,
0.3362

 10.5447, 0.2353,
0.3475

286.7604, 0.2864,
0.3358

 5.7616, 0.2190,
0.3507

342.1926, 0.2878,

 2.7006, 0.1943,

0.3354

404.3441, 0.2892,
0.3351

0.3552

0.9775, 0.1192,
0.3754

0.0000, 0.0000,
0.0000

73.7469, 0.2715,
0.3394

73.7469, 0.2715,
0.3394

71.3619, 0.2610,
0.3432

76.6070, 0.2833,
0.3359

69.4166, 0.2521,
0.3471

79.9577, 0.2962,
0.3326

67.8850, 0.2450,
0.3512

83.8246, 0.3098,
0.3296

66.7344, 0.2398,
0.3553


88.0714, 0.3234,
0.3269

 65.9274, 0.2366,
0.3594


 88.2382, 0.3216,
0.3241

 65.4189, 0.2353,
0.3635

 88.4076, 0.3199,
0.3214

 65.1713, 0.2352,
0.3668

 88.5795, 0.3181,
0.3187

 88.7541, 0.3164,
0.3161

 88.9312, 0.3146,
0.3134

Harmonies

Analogous

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



73.7469, 0.2968, 0.3663



73.7469, 0.2715, 0.3394



73.7469, 0.2573, 0.3107

Triad

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



73.7469, 0.2715, 0.3394



73.7469, 0.2960, 0.2818



73.7469, 0.3712, 0.3660

Complementary

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



73.7469, 0.2715, 0.3394



46.4064, 0.3777, 0.3191

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.



73.7469, 0.3715, 0.3426



73.7469, 0.2715, 0.3394



73.7469, 0.3269, 0.2955

Square

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



73.7469, 0.2715, 0.3394



73.7469, 0.2709, 0.2792



73.7469, 0.3549, 0.3173



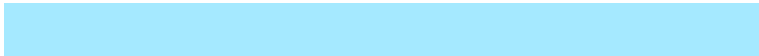
73.7469, 0.3547, 0.3811

Rectangle

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



73.7469, 0.2715, 0.3394



73.7469, 0.2556, 0.2952



73.7469, 0.3549, 0.3173



73.7469, 0.3733, 0.3588

Sweetspot

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



73.7499, 0.2715, 0.3394



95.2881, 0.2989, 0.3320



71.8165, 0.3147, 0.4221



20.2646, 0.2970, 0.3324



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.



73.7499, 0.2715, 0.3394



85.3045, 0.2649, 0.3417



59.3653, 0.2628, 0.2954



17.0895, 0.2997, 0.3318



35.5951, 0.2350, 0.3661



2.8037, 0.2335, 0.3604

Inverse Universe

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



46.4064, 0.3777, 0.3191



48.6326, 0.3959, 0.3172



56.9238, 0.3767, 0.3602



15.0830, 0.3274, 0.3262



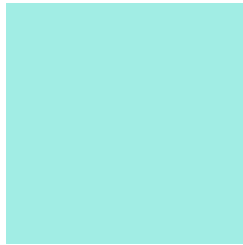
9.8853, 0.6253, 0.3218



0.7857, 0.5961, 0.3057

Previews

White Background



This preview shows how the Yxy color 73.7469, 0.2715, 0.3394 looks on a white background.

Color Contrast Check

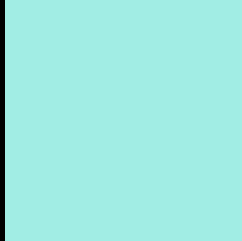
Large Text (above 18pt) WCAG AA × Fail

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 73.7469, 0.2715, 0.3394 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

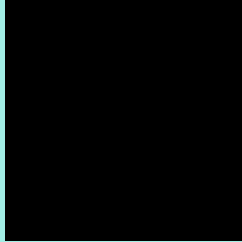
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

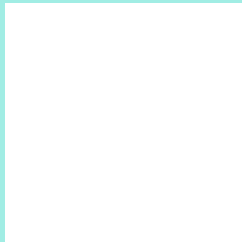
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7469, 0.2715, 0.3394

Background



This preview shows how black text looks on a background with the Yxy color 73.7469, 0.2715, 0.3394.

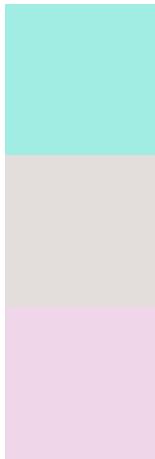


This preview shows how white text looks on a background with the Yxy color 73.7469, 0.2715, 0.3394.

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

73.7469, 0.2715, 0.3394

Protanopia

73.1583, 0.3183, 0.3312

Deuteranopia

72.8348, 0.3179, 0.3104



Tritanopia

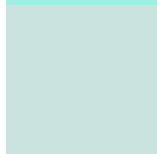
73.5216, 0.2620, 0.3074

Trichromacy



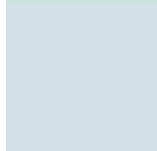
Original Color

73.7469, 0.2715, 0.3394



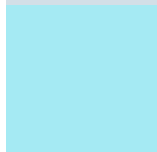
Protanomaly

72.9086, 0.2996, 0.3346



Deuteranomaly

72.3938, 0.2993, 0.3202



Tritanomaly

73.3160, 0.2655, 0.3185

Monochromacy



Original Color

73.7469, 0.2715, 0.3394



Achromatopsia

66.5387, 0.3127, 0.3290



Achromatomaly

68.7738, 0.2960, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7469, 0.2715, 0.3394 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(161, 237, 228)` looks like.

```
.text, #text, p{  
    color:rgb(161, 237, 228)  
}
```

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(161, 237, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 237, 228) }
```

Border

The CSS property to change the border of an element to Yxy 73.7469, 0.2715, 0.3394 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(161, 237, 228) }
```

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

```
.border{ border-color:rgb(161, 237, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 237, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 237, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 237, 228);  
box-shadow:4px 4px 4px 4px rgb(161, 237,  
228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 73.7469, 0.2715, 0.3394$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 237, 228) }
```

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

```
.background{ background-color: rgb(161,  
237, 228) }
```

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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