

Converting Colors

$Yxy(73.8483, 0.2721, 0.3521)$

Have a look what the booklet for
Yxy(73.8483, 0.2721, 0.3521)
contains.

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Color

Yxy(73.7703, 0.2722, 0.3516)

Conversions

Conversions Part 1

Format	Color
Hex	9AEFDC
RGB	154, 239, 220
RGB Percent	60%, 94%, 86%
CMY	0.3960, 0.0627, 0.1373
CMYK	0.36, 0.00, 0.08, 0.06
HSL	167°, 73%, 77%
HSV	167°, 36%, 94%
XYZ	57.1111, 73.7703, 78.9317
YIQ	211.4190, -44.5610, -23.9290

Conversions

Conversions Part 2

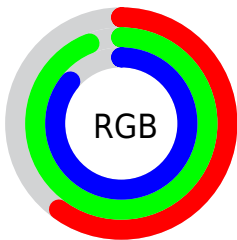
Format	Color
RYB	154, 202, 239
Decimal	10153948
CIELab	88.81, -29.86, 1.05
CIElCh	89, 29.881, 177.987
Yxy	73.7703, 0.2722, 0.3516
Android (android.graphics.Color)	4288344028 (0xFF9AEFDC)
YUV	211.4190, 4.2304, -50.3565
Hunter-Lab	85.8896, -31.6157, 5.6358

Details

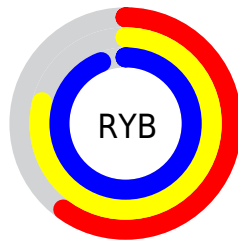
The Yxy color **73.7703, 0.2722, 0.3516** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **44.4842, 0.3787, 0.3080**, and the grayscale version is **65.4290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5889, 0.2866, 0.3289**, and **39.2362, 0.2630, 0.3575** is the 20% darker color. If you saturate the color by 10%, you get **71.3780, 0.2632, 0.3591**, and if you desaturate by 10%, it is **76.6445, 0.2825, 0.3446**.

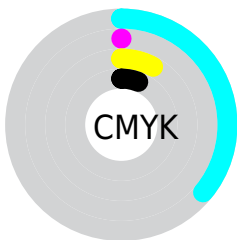
Distribution



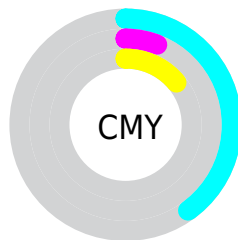
- Red (60%)
- Green (94%)
- Blue (86%)



- Red (60%)
- Yellow (79%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (8%)
- Black (6%)




- Cyan (40%)
- Magenta (6%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7703, 0.2722, 0.3516 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 73.7703, 0.2722, 0.3516 by changing the saturation by 10% instead.

 73.7703, 0.2722,
0.3516

 73.7703, 0.2722,
0.3516

473.6802, 0.2909,
0.3411

 54.6061, 0.2680,
0.3540

 124.5701, 0.2787,
0.3480

 39.0864, 0.2627,
0.3569


 156.9745, 0.2812,
0.3466

 26.8270, 0.2561,
0.3607


194.5611, 0.2833,
0.3453

 17.4433, 0.2475,
0.3656

237.7142, 0.2852,
0.3443

 10.5511, 0.2359,
0.3722

286.8183, 0.2869,
0.3434

 5.7658, 0.2192,
0.3818


342.2577, 0.2884,

 2.7032, 0.1937,

0.3425

0.3966


404.4169, 0.2897,
0.3418

 0.9788, 0.0916,
0.4518


 0.0000, 0.0000,
0.0000


 73.7703, 0.2722,
0.3516

 73.7703, 0.2722,
0.3516


 71.3780, 0.2632,
0.3591

 76.6445, 0.2825,
0.3446


 69.4306, 0.2557,
0.3670


 80.0173, 0.2938,
0.3380

 67.9004, 0.2501,
0.3752


 83.9155, 0.3058,
0.3321

 66.7524, 0.2465,
0.3835


 88.3613, 0.3183,
0.3267


 65.9460, 0.2448,
0.3918

 89.6937, 0.3185,
0.3215

 65.4309, 0.2450,
0.4001

 90.0281, 0.3152,
0.3164

 65.2609, 0.2455,
0.4037

 90.2154, 0.3134,
0.3136

Harmonies

Analogous

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



73.7703, 0.3044, 0.3808



73.7703, 0.2722, 0.3516



73.7703, 0.2514, 0.3169

Triad

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



73.7703, 0.2722, 0.3516



73.7703, 0.2830, 0.2717



73.7703, 0.3838, 0.3642

Complementary

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



73.7703, 0.2722, 0.3516



44.4842, 0.3787, 0.3080

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.



73.7703, 0.3780, 0.3354



73.7703, 0.2722, 0.3516



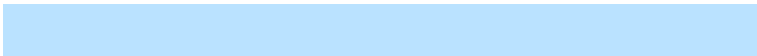
73.7703, 0.3180, 0.2840

Square

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



73.7703, 0.2722, 0.3516



73.7703, 0.2574, 0.2727



73.7703, 0.3533, 0.3068



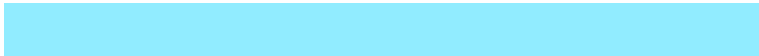
73.7703, 0.3695, 0.3860

Rectangle

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



73.7703, 0.2722, 0.3516



73.7703, 0.2461, 0.2966



73.7703, 0.3533, 0.3068



73.7703, 0.3842, 0.3550

Sweetspot

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



73.7733, 0.2722, 0.3516



94.6652, 0.2992, 0.3353



73.0494, 0.3203, 0.4323



20.1328, 0.2976, 0.3361



0.0000, 0.0000, 0.0000



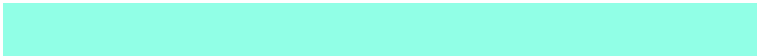
21.4041, 0.3127, 0.3290

Same Dimension

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



73.7733, 0.2722, 0.3516



83.3113, 0.2652, 0.3573



62.3890, 0.2589, 0.3017



17.8649, 0.3011, 0.3343



36.0839, 0.2451, 0.4024



3.0165, 0.2421, 0.3915

Inverse Universe

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



44.4842, 0.3787, 0.3080



44.5156, 0.4000, 0.3036



52.0012, 0.3892, 0.3545



15.8167, 0.3258, 0.3237



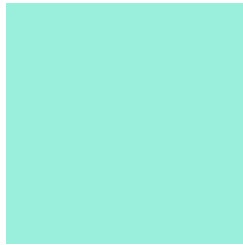
10.3016, 0.6008, 0.3083



0.8715, 0.5646, 0.2884

Previews

White Background



This preview shows how the Yxy color 73.7703, 0.2722, 0.3516 looks on a white background.

Color Contrast Check

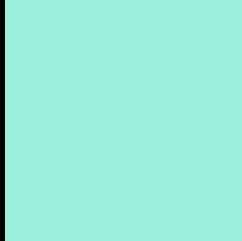
Large Text (above 18pt) WCAG AA × Fail

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 73.7703, 0.2722, 0.3516 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

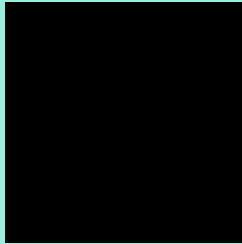
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

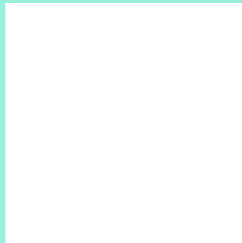
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.7703, 0.2722, 0.3516

Background



This preview shows how black text looks on a background with the Yxy color 73.7703, 0.2722, 0.3516.

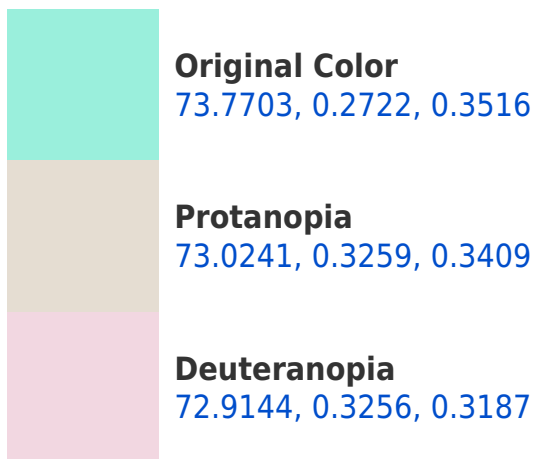


This preview shows how white text looks on a background with the Yxy color 73.7703, 0.2722, 0.3516.

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

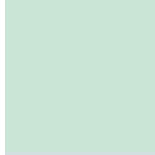
73.6189, 0.2591, 0.3073

Trichromacy



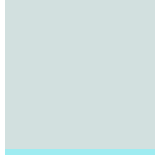
Original Color

73.7703, 0.2722, 0.3516



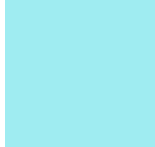
Protanomaly

72.8984, 0.3038, 0.3448



Deuteranomaly

72.3407, 0.3037, 0.3301



Tritanomaly

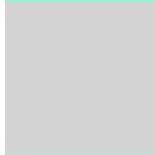
73.7127, 0.2637, 0.3231

Monochromacy



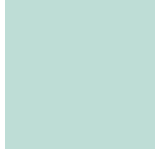
Original Color

73.7703, 0.2722, 0.3516



Achromatopsia

65.1406, 0.3127, 0.3290



Achromatomaly

67.5151, 0.2957, 0.3371

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7703, 0.2722, 0.3516 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(154, 239, 220)` looks like.

```
.text, #text, p{  
    color:rgb(154, 239, 220)  
}
```

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(154, 239, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 239, 220) }
```

Border

The CSS property to change the border of an element to Yxy 73.7703, 0.2722, 0.3516 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(154, 239, 220) }
```

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

```
.border{ border-color:rgb(154, 239, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 239, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 239, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 239, 220);  
box-shadow:4px 4px 4px 4px rgb(154, 239,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7703, 0.2722, 0.3516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 239, 220) }
```

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

```
.background{ background-color: rgb(154,  
239, 220) }
```

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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