

Converting Colors

$Yxy(73.5269, 0.2794, 0.3913)$

Have a look what the booklet for
Yxy(73.5269, 0.2794, 0.3913)
contains.

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Color

Yxy(73.5269, 0.2794, 0.3913)

Conversions

Conversions Part 1

Format	Color
Hex	8CF3C1
RGB	140, 243, 193
RGB Percent	55%, 95%, 76%
CMY	0.4507, 0.0471, 0.2431
CMYK	0.42, 0.00, 0.21, 0.05
HSL	151°, 81%, 75%
HSV	151°, 42%, 95%
XYZ	52.5004, 73.5269, 61.8768
YIQ	206.5030, -45.3380, -37.3860

Conversions

Conversions Part 2

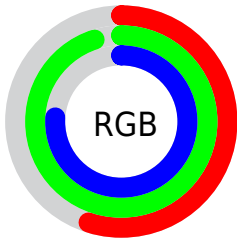
Format	Color
RYB	140, 208, 243
Decimal	9237441
CIELab	88.70, -41.04, 14.85
CIELCh	89, 43.645, 160.103
Yxy	73.5269, 0.2794, 0.3913
Android (android.graphics.Color)	4287427521 (0xFF8CF3C1)
YUV	206.5030, -6.6570, -58.3231
Hunter-Lab	85.7478, -40.7693, 17.2390

Details

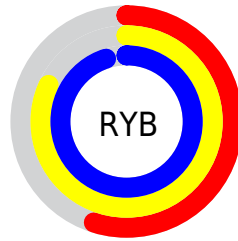
The Yxy color **73.5269, 0.2794, 0.3913** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **41.5522, 0.3684, 0.2751**, and the grayscale version is **62.1382, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.2924, 0.2814, 0.3342**, and **38.8209, 0.2710, 0.4079** is the 20% darker color. If you saturate the color by 10%, you get **71.1396, 0.2738, 0.4094**, and if you desaturate by 10%, it is **76.4284, 0.2862, 0.3743**.

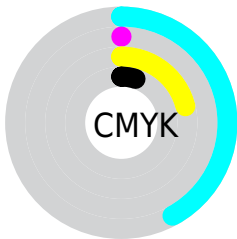
Distribution



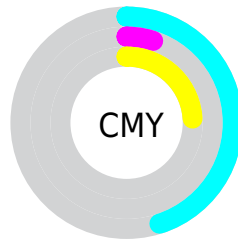
- Red (55%)
- Green (95%)
- Blue (76%)



- Red (55%)
- Yellow (82%)
- Blue (95%)



- Cyan (42%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)





- Cyan (45%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5269, 0.2794, 0.3913 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 73.5269, 0.2794, 0.3913 by changing the saturation by 10% instead.


 73.5269, 0.2794,
0.3913


 73.5269, 0.2794,
0.3913


472.8389, 0.2954,
0.3612

 54.4069, 0.2756,
0.3985


 124.2249, 0.2851,
0.3806

 38.9271, 0.2708,
0.4075

 156.5718, 0.2872,
0.3765

 26.7030, 0.2647,
0.4192


194.0963, 0.2891,
0.3730

 17.3503, 0.2565,
0.4350

237.1830, 0.2907,
0.3700

 10.4846, 0.2449,
0.4573

286.2162, 0.2921,
0.3674

 5.7214, 0.2275,
0.4911


341.5803, 0.2933,

 2.6764, 0.1989,

0.3651

0.5478


403.6598, 0.2944,
0.3631


 0.9652, 0.0000,
0.9897


 0.0000, 0.0000,
0.0000


 73.5269, 0.2794,
0.3913


 73.5269, 0.2794,
0.3913


 71.1396, 0.2738,
0.4094

 76.4284, 0.2862,
0.3743


 69.2255, 0.2698,
0.4283


 79.8641, 0.2939,
0.3587

 67.7518, 0.2676,
0.4476


 83.8640, 0.3021,
0.3445

 66.6773, 0.2675,
0.4668

 88.4531, 0.3107,
0.3318

 65.9527, 0.2694,
0.4853

 92.3871, 0.3151,
0.3203

 65.5773, 0.2719,
0.4987

 92.5776, 0.3133,
0.3175

Harmonies

Analogous

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



73.5269, 0.3302, 0.4214



73.5269, 0.2794, 0.3913



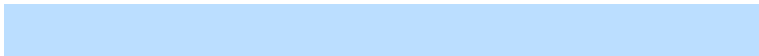
73.5269, 0.2397, 0.3404

Triad

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



73.5269, 0.2794, 0.3913



73.5269, 0.2459, 0.2460



73.5269, 0.4157, 0.3530

Complementary

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



73.5269, 0.2794, 0.3913



41.5522, 0.3684, 0.2751

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.



73.5269, 0.3896, 0.3120



73.5269, 0.2794, 0.3913



73.5269, 0.2884, 0.2531

Square

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



73.5269, 0.2794, 0.3913



73.5269, 0.2220, 0.2582



73.5269, 0.3414, 0.2767



73.5269, 0.4108, 0.3922

Rectangle

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



73.5269, 0.2794, 0.3913



73.5269, 0.2239, 0.3062



73.5269, 0.3414, 0.2767



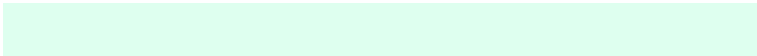
73.5269, 0.4102, 0.3392

Sweetspot

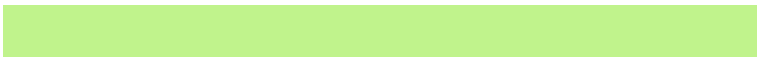
The Sweet Spot groups the original color and five complimentary colors.



73.5299, 0.2794, 0.3913



93.2519, 0.3016, 0.3454



77.1391, 0.3392, 0.4480



19.7385, 0.2997, 0.3485



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.



73.5299, 0.2794, 0.3913



79.6744, 0.2744, 0.4071



76.1503, 0.2550, 0.3288



18.6143, 0.3046, 0.3407



36.0206, 0.2711, 0.4960



3.1866, 0.2649, 0.4735

Inverse Universe

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



41.5522, 0.3684, 0.2751



39.5506, 0.3858, 0.2646



39.7272, 0.4235, 0.3293



16.6167, 0.3217, 0.3176



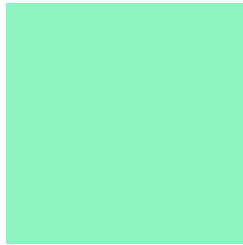
11.2033, 0.5021, 0.2540



1.0053, 0.4733, 0.2381

Previews

White Background



This preview shows how the Yxy color 73.5269, 0.2794, 0.3913 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 73.5269, 0.2794, 0.3913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

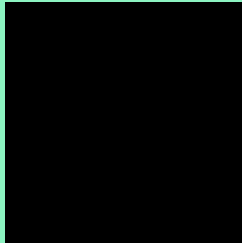
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5269, 0.2794, 0.3913

Background



This preview shows how black text looks on a background with the Yxy color 73.5269, 0.2794, 0.3913.

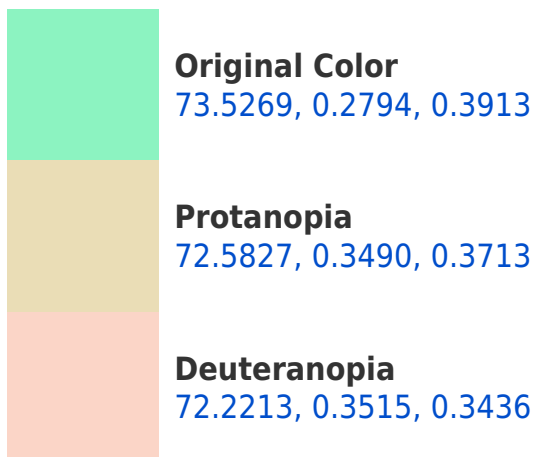


This preview shows how white text looks on a background with the Yxy color 73.5269, 0.2794, 0.3913.

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

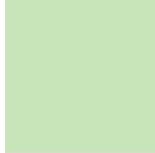
73.5410, 0.2553, 0.3072

Trichromacy



Original Color

73.5269, 0.2794, 0.3913



Protanomaly

71.8632, 0.3200, 0.3788



Deuteranomaly

71.1914, 0.3212, 0.3595



Tritanomaly

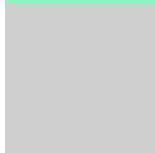
73.4593, 0.2640, 0.3360

Monochromacy



Original Color

73.5269, 0.2794, 0.3913



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.5179, 0.2985, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5269, 0.2794, 0.3913 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(140, 243, 193)` looks like.

```
.text, #text, p{  
    color:rgb(140, 243, 193)  
}
```

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(140, 243, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 243, 193) }
```

Border

The CSS property to change the border of an element to Yxy 73.5269, 0.2794, 0.3913 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(140, 243, 193) }
```

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

```
.border{ border-color:rgb(140, 243, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 243, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 243, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 243, 193);  
box-shadow:4px 4px 4px 4px rgb(140, 243,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5269, 0.2794, 0.3913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 243, 193) }
```

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

```
.background{ background-color: rgb(140,  
243, 193) }
```

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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