

Converting Colors

$Yxy(73.5114, 0.2807, 0.4134)$

Have a look what the booklet for
Yxy(73.5114, 0.2807, 0.4134)
contains.

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Color

Yxy(73.7554, 0.2809, 0.4144)

Conversions

Conversions Part 1

Format	Color
Hex	80F6B3
RGB	128, 246, 179
RGB Percent	50%, 96%, 70%
CMY	0.4979, 0.0353, 0.2982
CMYK	0.48, 0.00, 0.27, 0.04
HSL	146°, 87%, 73%
HSV	146°, 48%, 96%
XYZ	49.9949, 73.7554, 54.2309
YIQ	203.0800, -48.8210, -45.8530

Conversions

Conversions Part 2

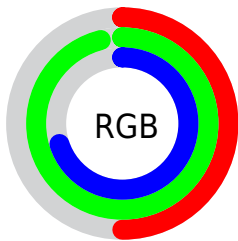
Format	Color
RYB	128, 210, 246
Decimal	8451763
CIELab	88.81, -48.14, 22.17
CIELCh	89, 52.998, 155.276
Yxy	73.7554, 0.2809, 0.4144
Android (android.graphics.Color)	4286641843 (0xFF80F6B3)
YUV	203.0800, -11.8714, -65.8452
Hunter-Lab	85.8810, -46.3793, 22.6771

Details

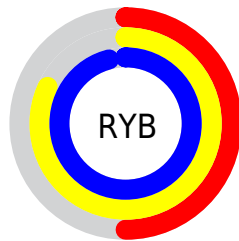
The Yxy color **73.7554, 0.2809, 0.4144** is a light color, and the websafe version is hex **66FFCC**. A complement of this color would be **38.9828, 0.3685, 0.2584**, and the grayscale version is **59.8772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.9573, 0.2831, 0.3507**, and **39.1305, 0.2721, 0.4373** is the 20% darker color. If you saturate the color by 10%, you get **71.5388, 0.2769, 0.4364**, and if you desaturate by 10%, it is **76.4978, 0.2862, 0.3935**.

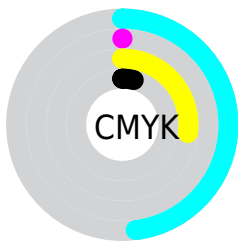
Distribution



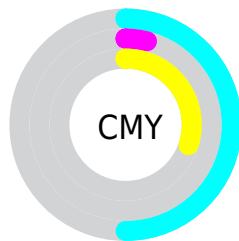
- Red (50%)
- Green (96%)
- Blue (70%)



- Red (50%)
- Yellow (82%)
- Blue (96%)



- Cyan (48%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)



- Cyan (50%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.7554, 0.2809, 0.4144 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 73.7554, 0.2809, 0.4144 by changing the saturation by 10% instead.

 73.7554, 0.2809,
0.4144


 73.7554, 0.2809,
0.4144


473.6287, 0.2967,
0.3727


 54.5939, 0.2770,
0.4245


 124.5490, 0.2866,
0.3995

 39.0767, 0.2721,
0.4372


 156.9499, 0.2888,
0.3938

 26.8194, 0.2656,
0.4538


 194.5326, 0.2906,
0.3890

 17.4376, 0.2566,
0.4762

237.6817, 0.2922,
0.3848

 10.5470, 0.2438,
0.5081

286.7814, 0.2935,
0.3812

 5.7631, 0.2238,
0.5565


342.2163, 0.2947,

 2.7016, 0.1903,

0.3780

0.6398


404.3706, 0.2958,
0.3752


 0.9780, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 73.7554, 0.2809,
0.4144


 73.7554, 0.2809,
0.4144


 71.5388, 0.2769,
0.4364


 76.4978, 0.2862,
0.3935


 69.8032, 0.2745,
0.4589


 79.7891, 0.2925,
0.3741


 68.5112, 0.2740,
0.4812


 83.6619, 0.2995,
0.3564


 67.6153, 0.2755,
0.5026

 88.1435, 0.3068,
0.3404

 67.0517, 0.2787,
0.5223

 93.2595, 0.3142,
0.3262

 66.9586, 0.2795,
0.5261

 94.3935, 0.3131,
0.3204

Harmonies

Analogous

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



73.7554, 0.3424, 0.4446



73.7554, 0.2809, 0.4144



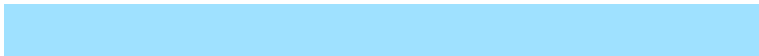
73.7554, 0.2310, 0.3528

Triad

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



73.7554, 0.2809, 0.4144



73.7554, 0.2267, 0.2309



73.7554, 0.4350, 0.3479

Complementary

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



73.7554, 0.2809, 0.4144



38.9828, 0.3685, 0.2584

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.



73.7554, 0.3979, 0.3006



73.7554, 0.2809, 0.4144



73.7554, 0.2735, 0.2364

Square

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



73.7554, 0.2809, 0.4144



73.7554, 0.2029, 0.2482



73.7554, 0.3364, 0.2612



73.7554, 0.4342, 0.3957

Rectangle

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



73.7554, 0.2809, 0.4144



73.7554, 0.2102, 0.3096



73.7554, 0.3364, 0.2612



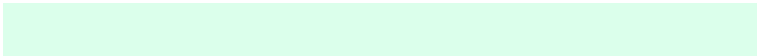
73.7554, 0.4266, 0.3317

Sweetspot

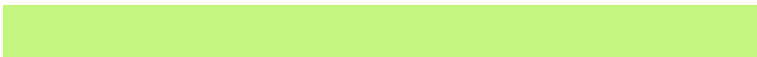
The Sweet Spot groups the original color and five complimentary colors.



73.7584, 0.2809, 0.4144



92.6083, 0.3023, 0.3499



79.3226, 0.3484, 0.4618



19.6037, 0.3008, 0.3534



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.



73.7584, 0.2809, 0.4144



77.5907, 0.2768, 0.4367



76.5712, 0.2536, 0.3405



18.5908, 0.3057, 0.3428



35.7658, 0.2786, 0.5230



3.1637, 0.2718, 0.4985

Inverse Universe

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



38.9828, 0.3685, 0.2584



35.5640, 0.3863, 0.2456



36.8707, 0.4351, 0.3189



16.6403, 0.3204, 0.3156



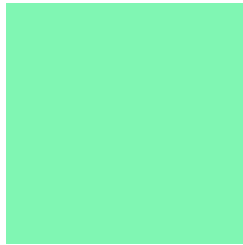
11.4938, 0.4673, 0.2348



1.0308, 0.4438, 0.2219

Previews

White Background



This preview shows how the Yxy color 73.7554, 0.2809, 0.4144 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 73.7554, 0.2809, 0.4144 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 73.7554, 0.2809, 0.4144

Background



This preview shows how black text looks on a background with the Yxy color 73.7554, 0.2809, 0.4144.

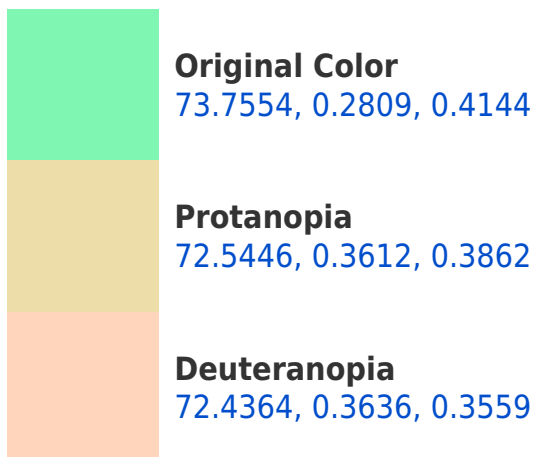


This preview shows how white text looks on a background with the Yxy color 73.7554, 0.2809, 0.4144.

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

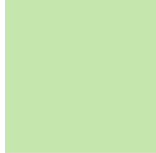
73.5068, 0.2517, 0.3071

Trichromacy



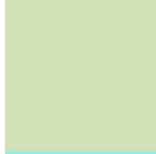
Original Color

73.7554, 0.2809, 0.4144



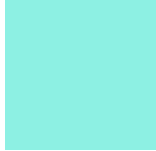
Protanomaly

71.4425, 0.3266, 0.3970



Deuteranomaly

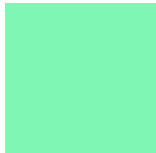
70.8664, 0.3282, 0.3759



Tritanomaly

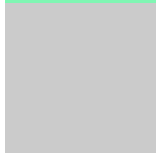
73.5289, 0.2624, 0.3445

Monochromacy



Original Color

73.7554, 0.2809, 0.4144



Achromatopsia

59.7202, 0.3127, 0.3290



Achromatomaly

63.7882, 0.2987, 0.3597

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.7554, 0.2809, 0.4144 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(128, 246, 179)` looks like.

```
.text, #text, p{  
    color:rgb(128, 246, 179)  
}
```

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(128, 246, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 246, 179) }
```

Border

The CSS property to change the border of an element to Yxy 73.7554, 0.2809, 0.4144 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(128, 246, 179) }
```

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

```
.border{ border-color:rgb(128, 246, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 246, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 246, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 246, 179);  
box-shadow:4px 4px 4px 4px rgb(128, 246,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 73.7554, 0.2809, 0.4144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 246, 179) }
```

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

```
.background{ background-color: rgb(128,  
246, 179) }
```

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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