

Converting Colors

$Yxy(73.6756, 0.2808, 0.3869)$

Have a look what the booklet for
Yxy(73.6756, 0.2808, 0.3869)
contains.

Yxy(73.4641, 0.2808, 0.3872)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(73.4641, 0.2808, 0.3872)

Conversions

Conversions Part 1

Format	Color
Hex	91F2C3
RGB	145, 242, 195
RGB Percent	57%, 95%, 76%
CMY	0.4314, 0.0510, 0.2354
CMYK	0.40, 0.00, 0.19, 0.05
HSL	151°, 79%, 76%
HSV	151°, 40%, 95%
XYZ	53.2767, 73.4641, 62.9909
YIQ	207.6390, -42.7250, -35.1810

Conversions

Conversions Part 2

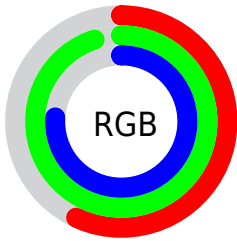
Format	Color
RYB	145, 209, 242
Decimal	9564867
CIELab	88.67, -38.90, 13.81
CIELCh	89, 41.279, 160.449
Yxy	73.4641, 0.2808, 0.3872
Android (android.graphics.Color)	4287754947 (0xFF91F2C3)
YUV	207.6390, -6.2310, -54.9344
Hunter-Lab	85.7112, -39.0420, 16.4244

Details

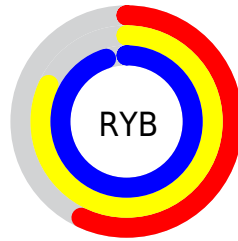
The Yxy color **73.4641, 0.2808, 0.3872** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **42.9338, 0.3644, 0.2781**, and the grayscale version is **62.8921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1048, 0.2831, 0.3320**, and **38.7449, 0.2728, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **70.9880, 0.2749, 0.4050**, and if you desaturate by 10%, it is **76.4561, 0.2878, 0.3706**.

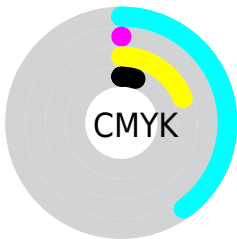
Distribution



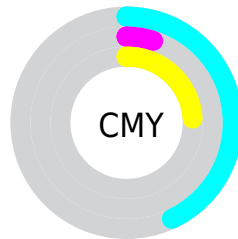
- Red (57%)
- Green (95%)
- Blue (76%)



- Red (57%)
- Yellow (82%)
- Blue (95%)



- Cyan (40%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)




- Cyan (43%)
- Magenta (5%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4641, 0.2808, 0.3872 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 73.4641, 0.2808, 0.3872 by changing the saturation by 10% instead.

 73.4641, 0.2808,
0.3872


 73.4641, 0.2808,
0.3872


472.6217, 0.2961,
0.3592

 54.3555, 0.2772,
0.3939

 124.1358, 0.2862,
0.3773

 38.8860, 0.2727,
0.4023


 156.4678, 0.2883,
0.3735

 26.6710, 0.2668,
0.4132


193.9764, 0.2900,
0.3702

 17.3263, 0.2590,
0.4278

237.0459, 0.2916,
0.3674

 10.4674, 0.2481,
0.4484

286.0608, 0.2929,
0.3649

 5.7100, 0.2317,
0.4797


341.4055, 0.2941,

 2.6695, 0.2047,


0.3628


0.5320


403.4643, 0.2951,
0.3609


 0.9617, 0.0000,
0.9240


 0.0000, 0.0000,
0.0000


 73.4641, 0.2808,
0.3872


 73.4641, 0.2808,
0.3872

 70.9880, 0.2749,
0.4050


 76.4561, 0.2878,
0.3706


 68.9879, 0.2705,
0.4237


 79.9832, 0.2957,
0.3553


 67.4322, 0.2679,
0.4429


 84.0747, 0.3040,
0.3415


 66.2817, 0.2673,
0.4621

 88.7549, 0.3126,
0.3291

 65.4897, 0.2687,
0.4808

 91.9010, 0.3141,
0.3178

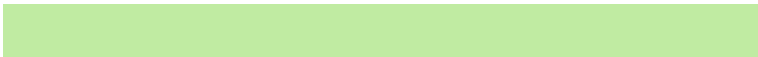
 64.9817, 0.2718,
0.4983

 91.9886, 0.3133,
0.3165

Harmonies

Analogous

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



73.4641, 0.3290, 0.4159



73.4641, 0.2808, 0.3872



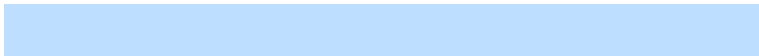
73.4641, 0.2431, 0.3394

Triad

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



73.4641, 0.2808, 0.3872



73.4641, 0.2497, 0.2500



73.4641, 0.4102, 0.3527

Complementary

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



73.4641, 0.2808, 0.3872



42.9338, 0.3644, 0.2781

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.



73.4641, 0.3859, 0.3135



73.4641, 0.2808, 0.3872



73.4641, 0.2903, 0.2569

Square

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



73.4641, 0.2808, 0.3872



73.4641, 0.2266, 0.2617



73.4641, 0.3406, 0.2796



73.4641, 0.4055, 0.3897

Rectangle

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



73.4641, 0.2808, 0.3872



73.4641, 0.2281, 0.3071



73.4641, 0.3406, 0.2796



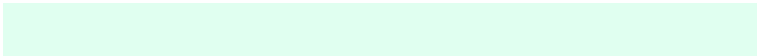
73.4641, 0.4052, 0.3394

Sweetspot

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



73.4671, 0.2808, 0.3872



93.7325, 0.3024, 0.3441



76.9560, 0.3381, 0.4411



19.9291, 0.3013, 0.3458



0.0000, 0.0000, 0.0000



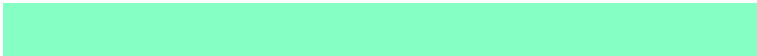
21.4041, 0.3127, 0.3290

Same Dimension

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



73.4671, 0.2808, 0.3872



80.4446, 0.2760, 0.4015



75.9389, 0.2575, 0.3288



17.7924, 0.3046, 0.3407



34.9341, 0.2710, 0.4955



2.9263, 0.2644, 0.4719

Inverse Universe

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



42.9338, 0.3644, 0.2781



41.7283, 0.3797, 0.2682



41.1714, 0.4148, 0.3293



15.8865, 0.3217, 0.3176



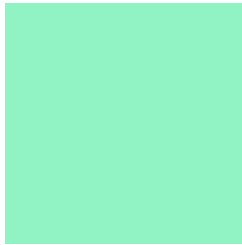
10.8622, 0.5023, 0.2541



0.9237, 0.4721, 0.2374

Previews

White Background



This preview shows how the Yxy color 73.4641, 0.2808, 0.3872 looks on a white background.

Color Contrast Check

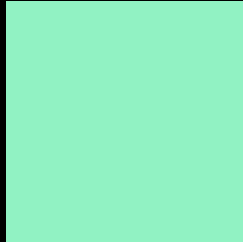
Large Text (above 18pt) WCAG AA × Fail

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 73.4641, 0.2808, 0.3872 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 73.4641, 0.2808, 0.3872

Background



This preview shows how black text looks on a background with the Yxy color 73.4641, 0.2808, 0.3872.

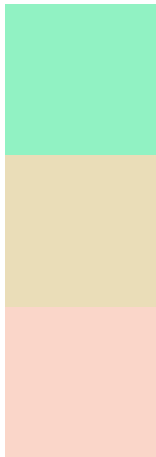


This preview shows how white text looks on a background with the Yxy color 73.4641, 0.2808, 0.3872.

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

73.4641, 0.2808, 0.3872

Protanopia

72.6660, 0.3476, 0.3691

Deuteranopia

72.6342, 0.3491, 0.3426



Tritanopia

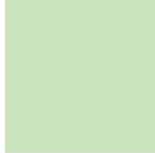
73.3084, 0.2575, 0.3072

Trichromacy



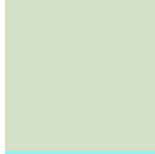
Original Color

73.4641, 0.2808, 0.3872



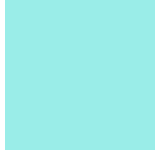
Protanomaly

72.2260, 0.3201, 0.3763



Deuteranomaly

71.4319, 0.3206, 0.3572



Tritanomaly

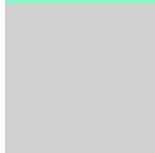
73.2646, 0.2658, 0.3348

Monochromacy



Original Color

73.4641, 0.2808, 0.3872



Achromatopsia

63.0757, 0.3127, 0.3290



Achromatomaly

65.8125, 0.2992, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4641, 0.2808, 0.3872 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(145, 242, 195)` looks like.

```
.text, #text, p{  
    color:rgb(145, 242, 195)  
}
```

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(145, 242, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 195) }
```

Border

The CSS property to change the border of an element to Yxy 73.4641, 0.2808, 0.3872 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(145, 242, 195) }
```

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

```
.border{ border-color:rgb(145, 242, 195) }
```

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

Here you see how a box with a 4 pixel rgb(145, 242, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 242, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 242, 195);  
box-shadow:4px 4px 4px 4px rgb(145, 242,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4641, 0.2808, 0.3872 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 242, 195) }
```

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

```
.background{ background-color: rgb(145,  
242, 195) }
```

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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