

Converting Colors

$Yxy(73.1628, 0.2841, 0.3825)$

Have a look what the booklet for
Yxy(73.1628, 0.2841, 0.3825)
contains.

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Color

Yxy(73.0780, 0.2844, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	99F0C4
RGB	153, 240, 196
RGB Percent	60%, 94%, 77%
CMY	0.3998, 0.0588, 0.2314
CMYK	0.36, 0.00, 0.18, 0.06
HSL	150°, 74%, 77%
HSV	150°, 36%, 94%
XYZ	54.2647, 73.0780, 63.4615
YIQ	208.9710, -37.7280, -32.1280

Conversions

Conversions Part 2

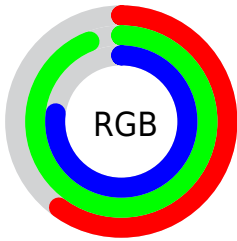
Format	Color
RYB	153, 211, 240
Decimal	10088644
CIELab	88.48, -35.57, 13.08
CIELCh	88, 37.904, 159.808
Yxy	73.0780, 0.2844, 0.3830
Android (android.graphics.Color)	4288278724 (0xFF99F0C4)
YUV	208.9710, -6.3947, -49.0866
Hunter-Lab	85.4857, -36.2915, 15.8252

Details

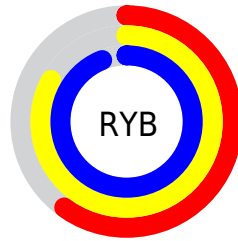
The Yxy color **73.0780, 0.2844, 0.3830** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **45.3542, 0.3558, 0.2811**, and the grayscale version is **63.8079, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3135, 0.2871, 0.3310**, and **38.8306, 0.2774, 0.3981** is the 20% darker color. If you saturate the color by 10%, you get **70.4441, 0.2782, 0.4012**, and if you desaturate by 10%, it is **76.2323, 0.2915, 0.3661**.

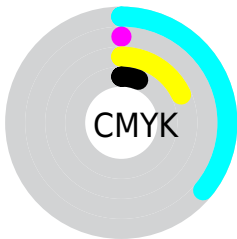
Distribution



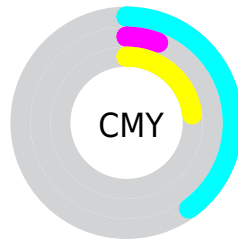
- Red (60%)
- Green (94%)
- Blue (77%)



- Red (60%)
- Yellow (83%)
- Blue (94%)



- Cyan (36%)
- Magenta (0%)
- Yellow (18%)
- Black (6%)





- Cyan (40%)
- Magenta (6%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.0780, 0.2844, 0.3830 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 73.0780, 0.2844, 0.3830 by changing the saturation by 10% instead.


 73.0780, 0.2844,
0.3830

 73.0780, 0.2844,
0.3830

471.2851, 0.2980,
0.3570

 54.0397, 0.2812,
0.3892


 123.5879, 0.2892,
0.3738

 38.6334, 0.2772,
0.3969


 155.8284, 0.2910,
0.3703

 26.4747, 0.2720,
0.4070


193.2384, 0.2926,
0.3673

 17.1791, 0.2650,
0.4205

236.2023, 0.2940,
0.3647

 10.3623, 0.2552,
0.4396

285.1046, 0.2952,
0.3624

 5.6398, 0.2406,
0.4684

340.3295, 0.2962,

 2.6273, 0.2162,

0.3604

402.2616, 0.2971,
0.3586

0.5168

0.9404, 0.0227,
0.8766

0.0000, 0.0000,
0.0000

73.0780, 0.2844,
0.3830

73.0780, 0.2844,
0.3830

70.4441, 0.2782,
0.4012

76.2323, 0.2915,
0.3661

68.2924, 0.2734,
0.4205

79.9251, 0.2993,
0.3507

66.5932, 0.2702,
0.4404

84.1843, 0.3075,
0.3369

65.3101, 0.2690,
0.4605

89.0335, 0.3159,
0.3245

■ 64.4003, 0.2698,
0.4802

■ 90.7999, 0.3134,
0.3146

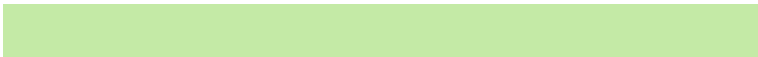
■ 63.8110, 0.2725,
0.4988

■ 63.6406, 0.2738,
0.5056

Harmonies

Analogous

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



73.0780, 0.3290, 0.4087



73.0780, 0.2844, 0.3830



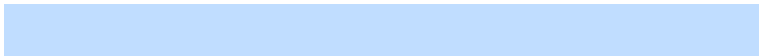
73.0780, 0.2491, 0.3398

Triad

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



73.0780, 0.2844, 0.3830



73.0780, 0.2538, 0.2559



73.0780, 0.4021, 0.3506

Complementary

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



73.0780, 0.2844, 0.3830



45.3542, 0.3558, 0.2811

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.



73.0780, 0.3792, 0.3142



73.0780, 0.2844, 0.3830



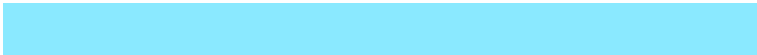
73.0780, 0.2913, 0.2618

Square

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



73.0780, 0.2844, 0.3830



73.0780, 0.2326, 0.2674



73.0780, 0.3375, 0.2827



73.0780, 0.3986, 0.3848

Rectangle

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



73.0780, 0.2844, 0.3830



73.0780, 0.2348, 0.3101



73.0780, 0.3375, 0.2827



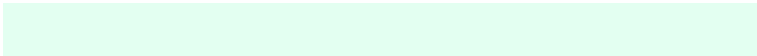
73.0780, 0.3973, 0.3383

Sweetspot

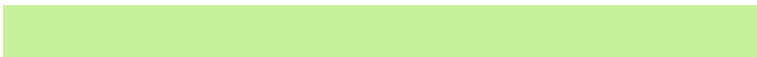
The Sweet Spot groups the original color and five complimentary colors.



73.0810, 0.2844, 0.3830



94.1819, 0.3036, 0.3433



76.6226, 0.3371, 0.4290



20.0174, 0.3025, 0.3452



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.



73.0810, 0.2844, 0.3830



81.7186, 0.2800, 0.3954



75.3015, 0.2626, 0.3305



17.7866, 0.3048, 0.3412



34.8648, 0.2730, 0.5027



2.9205, 0.2662, 0.4785

Inverse Universe

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



45.3542, 0.3558, 0.2811



45.8277, 0.3676, 0.2720



43.6700, 0.3992, 0.3276



15.8924, 0.3214, 0.3171



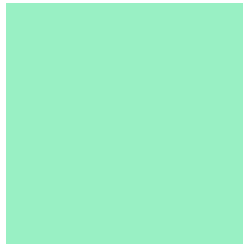
10.9300, 0.4932, 0.2491



0.9294, 0.4644, 0.2332

Previews

White Background



This preview shows how the Yxy color 73.0780, 0.2844, 0.3830 looks on a white background.

Color Contrast Check

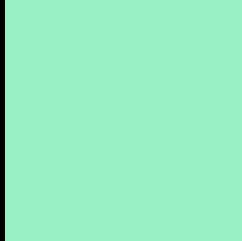
Large Text (above 18pt) WCAG AA × Fail

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 73.0780, 0.2844, 0.3830 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

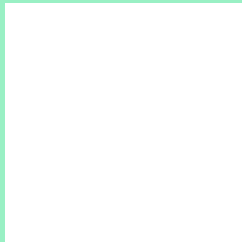
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.0780, 0.2844, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 73.0780, 0.2844, 0.3830.

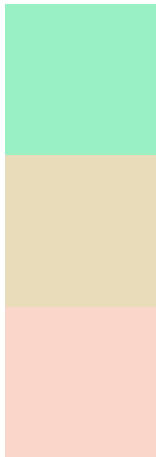


This preview shows how white text looks on a background with the Yxy color 73.0780, 0.2844, 0.3830.

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

73.0780, 0.2844, 0.3830

Protanopia

72.0552, 0.3457, 0.3660

Deuteranopia

71.9925, 0.3478, 0.3405



Tritanopia

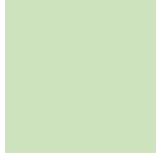
72.6776, 0.2613, 0.3073

Trichromacy



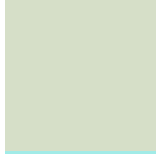
Original Color

73.0780, 0.2844, 0.3830



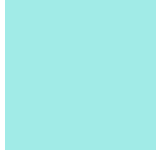
Protanomaly

71.4932, 0.3205, 0.3715



Deuteranomaly

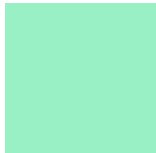
71.2416, 0.3215, 0.3548



Tritanomaly

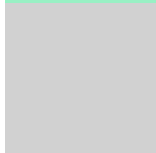
72.7633, 0.2697, 0.3336

Monochromacy



Original Color

73.0780, 0.2844, 0.3830



Achromatopsia

63.7597, 0.3127, 0.3290



Achromatomaly

66.3648, 0.3013, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.0780, 0.2844, 0.3830 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(153, 240, 196)` looks like.

```
.text, #text, p{  
    color:rgb(153, 240, 196)  
}
```

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(153, 240, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 240, 196) }
```

Border

The CSS property to change the border of an element to Yxy 73.0780, 0.2844, 0.3830 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(153, 240, 196) }
```

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

```
.border{ border-color:rgb(153, 240, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 240, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(153, 240, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(153, 240, 196); box-shadow:4px 4px 4px 4px rgb(153, 240, 196) }
```


Background

The CSS property to change the background color of an element to Yxy 73.0780, 0.2844, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 240, 196) }
```

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

```
.background{ background-color: rgb(153,  
240, 196) }
```

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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