

Converting Colors

$Y_{xy}(73.5271, 0.2825, 0.3910)$

Have a look what the booklet for
Yxy(73.5271, 0.2825, 0.3910)
contains.

Yxy(73.3298, 0.2824, 0.3911)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(73.3298, 0.2824, 0.3911)

Conversions

Conversions Part 1

Format	Color
Hex	91F2C0
RGB	145, 242, 192
RGB Percent	57%, 95%, 75%
CMY	0.4311, 0.0510, 0.2472
CMYK	0.40, 0.00, 0.21, 0.05
HSL	149°, 79%, 76%
HSV	149°, 40%, 95%
XYZ	52.9490, 73.3298, 61.2175
YIQ	207.2970, -41.7620, -36.1140

Conversions

Conversions Part 2

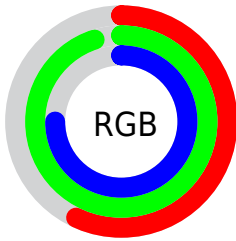
Format	Color
RYB	145, 210, 242
Decimal	9564864
CIELab	88.60, -39.47, 15.28
CIELCh	89, 42.327, 158.834
Yxy	73.3298, 0.2824, 0.3911
Android (android.graphics.Color)	4287754944 (0xFF91F2C0)
YUV	207.2970, -7.5414, -54.6345
Hunter-Lab	85.6328, -39.4863, 17.5575

Details

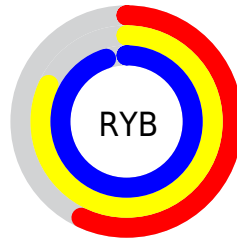
The Yxy color **73.3298, 0.2824, 0.3911** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **43.0900, 0.3612, 0.2750**, and the grayscale version is **62.6770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8539, 0.2852, 0.3363**, and **38.6567, 0.2747, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **70.8322, 0.2768, 0.4102**, and if you desaturate by 10%, it is **76.3486, 0.2891, 0.3733**.

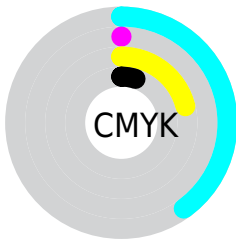
Distribution



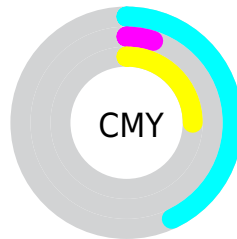
- Red (57%)
- Green (95%)
- Blue (75%)



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



- Cyan (40%)
- Magenta (0%)
- Yellow (21%)
- Black (5%)




- Cyan (43%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.3298, 0.2824, 0.3911 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 73.3298, 0.2824, 0.3911 by changing the saturation by 10% instead.


 73.3298, 0.2824,
0.3911

 73.3298, 0.2824,
0.3911

472.1570, 0.2970,
0.3611

 54.2457, 0.2789,
0.3983


 123.9453, 0.2876,
0.3804

 38.7981, 0.2745,
0.4073


 156.2455, 0.2896,
0.3764

 26.6027, 0.2689,
0.4190


193.7197, 0.2913,
0.3729

 17.2751, 0.2612,
0.4347

236.7526, 0.2927,
0.3699

 10.4308, 0.2505,
0.4570

285.7283, 0.2940,
0.3673

 5.6855, 0.2342,
0.4909

341.0314, 0.2951,

 2.6548, 0.2070,

0.3650

403.0462, 0.2961,
0.3629

0.5476

0.9543, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

73.3298, 0.2824,
0.3911

73.3298, 0.2824,
0.3911

70.8322, 0.2768,
0.4102

76.3486, 0.2891,
0.3733

68.8157, 0.2727,
0.4302


79.9081, 0.2966,
0.3570


67.2486, 0.2703,
0.4506


84.0376, 0.3045,
0.3423


66.0914, 0.2699,
0.4710

88.7616, 0.3127,
0.3291

 65.2971, 0.2715,
0.4907

 91.9451, 0.3137,
0.3171

 64.7901, 0.2747,
0.5090

 91.9828, 0.3133,
0.3165

Harmonies

Analogous

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



73.3298, 0.3320, 0.4190



73.3298, 0.2824, 0.3911



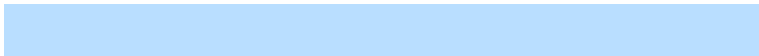
73.3298, 0.2430, 0.3424

Triad

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



73.3298, 0.2824, 0.3911



73.3298, 0.2463, 0.2483



73.3298, 0.4121, 0.3509

Complementary

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



73.3298, 0.2824, 0.3911



43.0900, 0.3612, 0.2750

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.



73.3298, 0.3857, 0.3110



73.3298, 0.2824, 0.3911



73.3298, 0.2871, 0.2544

Square

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



73.3298, 0.2824, 0.3911



73.3298, 0.2239, 0.2612



73.3298, 0.3384, 0.2768



73.3298, 0.4088, 0.3892

Rectangle

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



73.3298, 0.2824, 0.3911



73.3298, 0.2270, 0.3090



73.3298, 0.3384, 0.2768



73.3298, 0.4064, 0.3374

Sweetspot

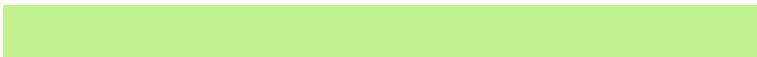
The Sweet Spot groups the original color and five complimentary colors.



73.3328, 0.2824, 0.3911



93.6757, 0.3029, 0.3451



77.1704, 0.3392, 0.4406



19.9157, 0.3019, 0.3469



0.0000, 0.0000, 0.0000



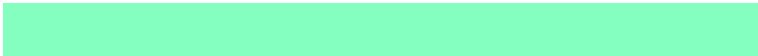
21.4041, 0.3127, 0.3290

Same Dimension

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



73.3328, 0.2824, 0.3911



80.2727, 0.2778, 0.4064



75.8421, 0.2583, 0.3307



17.7839, 0.3050, 0.3414



34.8339, 0.2739, 0.5060



2.9179, 0.2671, 0.4815

Inverse Universe

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



43.0900, 0.3612, 0.2750



41.9004, 0.3756, 0.2645



41.2426, 0.4129, 0.3275



15.8951, 0.3212, 0.3169



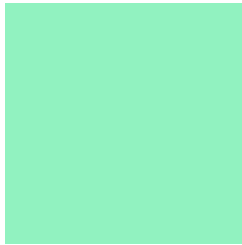
10.9625, 0.4890, 0.2468



0.9321, 0.4609, 0.2312

Previews

White Background



This preview shows how the Yxy color 73.3298, 0.2824, 0.3911 looks on a white background.

Color Contrast Check

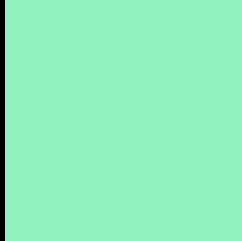
Large Text (above 18pt) WCAG AA × Fail

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 73.3298, 0.2824, 0.3911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

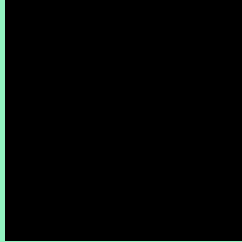
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.3298, 0.2824, 0.3911

Background



This preview shows how black text looks on a background with the Yxy color 73.3298, 0.2824, 0.3911.

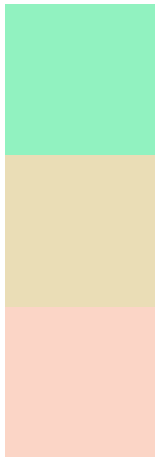


This preview shows how white text looks on a background with the Yxy color 73.3298, 0.2824, 0.3911.

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

73.3298, 0.2824, 0.3911

Protanopia

72.5827, 0.3490, 0.3713

Deuteranopia

72.1749, 0.3523, 0.3447



Tritanopia

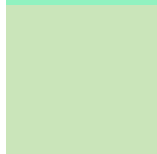
73.3084, 0.2575, 0.3072

Trichromacy



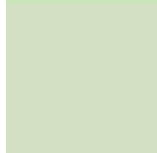
Original Color

73.3298, 0.2824, 0.3911



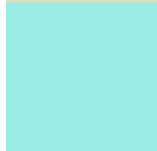
Protanomaly

72.1403, 0.3214, 0.3786



Deuteranomaly

71.2939, 0.3226, 0.3606



Tritanomaly

73.2079, 0.2663, 0.3359

Monochromacy



Original Color

73.3298, 0.2824, 0.3911



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

65.6410, 0.2992, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.3298, 0.2824, 0.3911 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, 192)` looks like.

```
.text, #text, p{  
    color:rgb(145, 242, 192)  
}
```

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, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 242, 192) }
```

Border

The CSS property to change the border of an element to Yxy 73.3298, 0.2824, 0.3911 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, 192) }
```

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

```
.border{ border-color:rgb(145, 242, 192) }
```

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, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 242, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 242, 192);  
box-shadow:4px 4px 4px 4px rgb(145, 242,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 73.3298, 0.2824, 0.3911 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, 192) }
```

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

```
.background{ background-color: rgb(145,  
242, 192) }
```

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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