

Converting Colors

$Yxy(72.8181, 0.2796, 0.3917)$

Have a look what the booklet for
Yxy(72.8181, 0.2796, 0.3917)
contains.

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Color

Yxy(72.8855, 0.2798, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	8CF2C0
RGB	140, 242, 192
RGB Percent	55%, 95%, 75%
CMY	0.4507, 0.0510, 0.2470
CMYK	0.42, 0.00, 0.21, 0.05
HSL	151°, 80%, 75%
HSV	151°, 42%, 95%
XYZ	52.0903, 72.8855, 61.1940
YIQ	205.8020, -44.7420, -37.1740

Conversions

Conversions Part 2

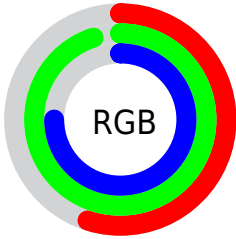
Format	Color
RYB	140, 208, 242
Decimal	9237184
CIELab	88.39, -40.79, 14.94
CIElCh	88, 43.444, 159.887
Yxy	72.8855, 0.2798, 0.3915
Android (android.graphics.Color)	4287427264 (0xFF8CF2C0)
YUV	205.8020, -6.8044, -57.7084
Hunter-Lab	85.3730, -40.4910, 17.2630

Details

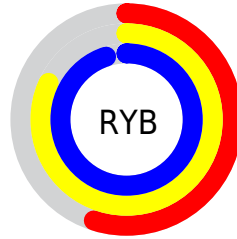
The Yxy color **72.8855, 0.2798, 0.3915** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **41.3726, 0.3675, 0.2749**, and the grayscale version is **61.6654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.1676, 0.2824, 0.3363**, and **38.3719, 0.2714, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **70.5060, 0.2742, 0.4098**, and if you desaturate by 10%, it is **75.7757, 0.2866, 0.3744**.

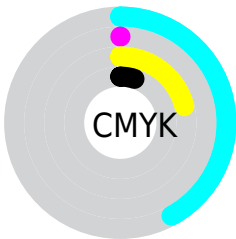
Distribution



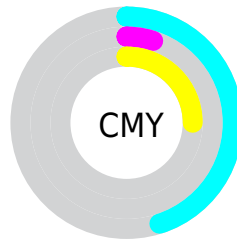
- Red (55%)
- Green (95%)
- Blue (75%)



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



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





- Cyan (45%)
- Magenta (5%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8855, 0.2798, 0.3915 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 72.8855, 0.2798, 0.3915 by changing the saturation by 10% instead.


 72.8855, 0.2798,
0.3915

 72.8855, 0.2798,
0.3915

470.6179, 0.2956,
0.3613

 53.8823, 0.2760,
0.3987


 123.3146, 0.2854,
0.3808

 38.5076, 0.2713,
0.4078


 155.5094, 0.2876,
0.3766

 26.3769, 0.2652,
0.4197


192.8702, 0.2894,
0.3731

 17.1058, 0.2570,
0.4356

235.7814, 0.2910,
0.3701

 10.3100, 0.2454,
0.4582

284.6273, 0.2924,
0.3675

 5.6050, 0.2280,
0.4925

339.7925, 0.2936,

 2.6064, 0.1991,

0.3652

0.5501

401.6612, 0.2947,
0.3631

■ 0.9299, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 72.8855, 0.2798,
0.3915

■ 72.8855, 0.2798,
0.3915

■ 70.5060, 0.2742,
0.4098

■ 75.7757, 0.2866,
0.3744

■ 68.5966, 0.2702,
0.4288


■ 79.1964, 0.2942,
0.3587

■ 67.1249, 0.2680,
0.4483


■ 83.1773, 0.3024,
0.3444


■ 66.0504, 0.2679,
0.4677

■ 87.7429, 0.3109,
0.3315

 65.3244, 0.2697,
0.4863

 91.7481, 0.3155,
0.3200

 64.9389, 0.2723,
0.5003

 91.9811, 0.3133,
0.3165

Harmonies

Analogous

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



72.8855, 0.3306, 0.4213



72.8855, 0.2798, 0.3915



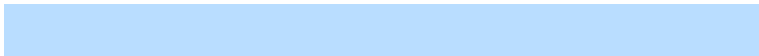
72.8855, 0.2400, 0.3408

Triad

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



72.8855, 0.2798, 0.3915



72.8855, 0.2457, 0.2461



72.8855, 0.4154, 0.3527

Complementary

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



72.8855, 0.2798, 0.3915



41.3726, 0.3675, 0.2749

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.



72.8855, 0.3892, 0.3118



72.8855, 0.2798, 0.3915



72.8855, 0.2881, 0.2531

Square

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



72.8855, 0.2798, 0.3915



72.8855, 0.2220, 0.2585



72.8855, 0.3410, 0.2765



72.8855, 0.4108, 0.3919

Rectangle

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



72.8855, 0.2798, 0.3915



72.8855, 0.2242, 0.3066



72.8855, 0.3410, 0.2765



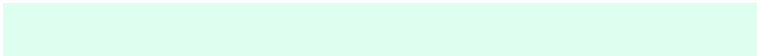
72.8855, 0.4099, 0.3389

Sweetspot

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



72.8885, 0.2798, 0.3915



93.2427, 0.3016, 0.3456



76.4770, 0.3391, 0.4472



19.7363, 0.2998, 0.3487



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.



72.8885, 0.2798, 0.3915



79.6474, 0.2747, 0.4079



75.4929, 0.2553, 0.3288



17.7908, 0.3046, 0.3408



34.9152, 0.2715, 0.4974



2.9247, 0.2649, 0.4737

Inverse Universe

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



41.3726, 0.3675, 0.2749



39.5771, 0.3851, 0.2640



39.5479, 0.4226, 0.3293



15.8881, 0.3216, 0.3175



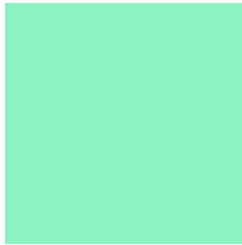
10.8800, 0.4999, 0.2527



0.9252, 0.4700, 0.2363

Previews

White Background



This preview shows how the Yxy color 72.8855, 0.2798, 0.3915 looks on a white background.

Color Contrast Check

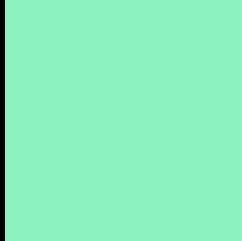
Large Text (above 18pt) WCAG AA × Fail

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 72.8855, 0.2798, 0.3915 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 72.8855, 0.2798, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 72.8855, 0.2798, 0.3915.

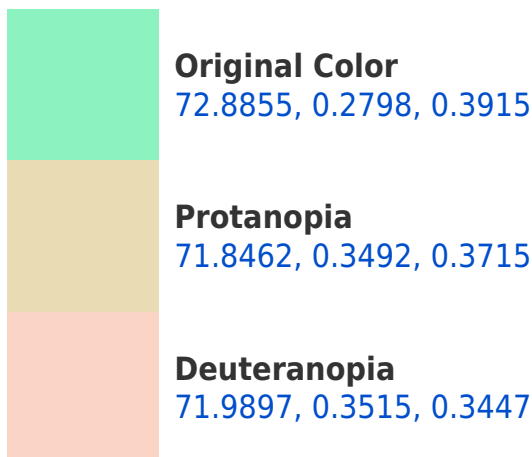


This preview shows how white text looks on a background with the Yxy color 72.8855, 0.2798, 0.3915.

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

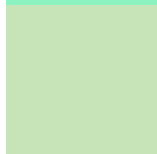
72.9060, 0.2556, 0.3071

Trichromacy



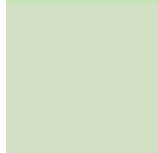
Original Color

72.8855, 0.2798, 0.3915



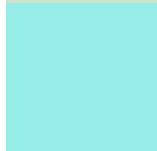
Protanomaly

71.1317, 0.3200, 0.3791



Deuteranomaly

70.9985, 0.3211, 0.3608



Tritanomaly

72.8219, 0.2643, 0.3360

Monochromacy



Original Color

72.8855, 0.2798, 0.3915



Achromatopsia

61.7207, 0.3127, 0.3290



Achromatomaly

64.8252, 0.2984, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8855, 0.2798, 0.3915 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, 242, 192)` looks like.

```
.text, #text, p{  
    color:rgb(140, 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(140, 242, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 242, 192) }
```

Border

The CSS property to change the border of an element to Yxy 72.8855, 0.2798, 0.3915 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, 242, 192) }
```

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

```
.border{ border-color:rgb(140, 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(140, 242, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 242, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 242, 192);  
box-shadow:4px 4px 4px 4px rgb(140, 242,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8855, 0.2798, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 242, 192) }
```

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

```
.background{ background-color: rgb(140,  
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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