

Converting Colors

$Yxy(64.0905, 0.2801, 0.3739)$

Have a look what the booklet for
Yxy(64.0905, 0.2801, 0.3739)
contains.

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Color

Yxy(63.9939, 0.2802, 0.3742)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 8FE2BF |
| RGB | 143, 226, 191 |
| RGB Percent | 56%, 89%, 75% |
| CMY | 0.4394, 0.1137, 0.2511 |
| CMYK | 0.37, 0.00, 0.16, 0.11 |
| HSL | 155°, 59%, 72% |
| HSV | 155°, 37%, 89% |
| XYZ | 47.9185, 63.9939, 59.1029 |
| YIQ | 197.1930, -38.2330, -28.4810 |

Conversions

Conversions Part 2

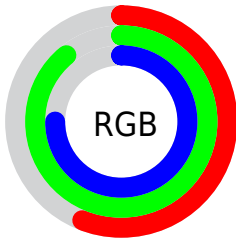
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 143, 196, 226 |
| Decimal | 9429695 |
| CIELab | 83.96, -32.93, 9.20 |
| CIELCh | 84, 34.188, 164.386 |
| Yxy | 63.9939, 0.2802, 0.3742 |
| Android (android.graphics.Color) | 4287619775 (0xFF8FE2BF) |
| YUV | 197.1930, -3.0531, -47.5273 |
| Hunter-Lab | 79.9962, -33.0702, 12.1926 |

Details

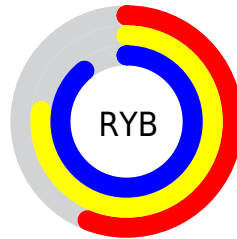
The Yxy color **63.9939, 0.2802, 0.3742** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **39.0132, 0.3638, 0.2884**, and the grayscale version is **55.9867, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3775, 0.2841, 0.3373**, and **32.6591, 0.2711, 0.3852** is the 20% darker color. If you saturate the color by 10%, you get **61.7733, 0.2733, 0.3891**, and if you desaturate by 10%, it is **66.6533, 0.2882, 0.3603**.

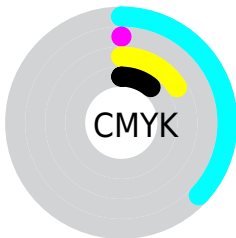
Distribution



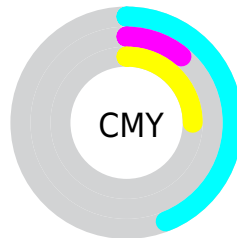
- Red (56%)
- Green (89%)
- Blue (75%)



- Red (56%)
- Yellow (77%)
- Blue (89%)



- Cyan (37%)
- Magenta (0%)
- Yellow (16%)
- Black (11%)





- Cyan (44%)
- Magenta (11%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 63.9939, 0.2802, 0.3742 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 63.9939, 0.2802, 0.3742 by changing the saturation by 10% instead.


 63.9939, 0.2802,
0.3742


 63.9939, 0.2802,
0.3742


439.1676, 0.2959,
0.3521

 46.6457, 0.2764,
0.3796


 110.6022, 0.2858,
0.3663

 32.7557, 0.2717,
0.3864


 140.6310, 0.2879,
0.3633

 21.9393, 0.2656,
0.3952


175.6556, 0.2897,
0.3607

 13.8123, 0.2573,
0.4074

216.0602, 0.2913,
0.3585

 7.9903, 0.2455,
0.4249

262.2294, 0.2927,
0.3566

 4.0887, 0.2275,
0.4522

314.5474, 0.2939,

 1.7233, 0.1940,

0.3549

0.5024

373.3987, 0.2949,
0.3534

0.4387, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.9939, 0.2802,
0.3742

63.9939, 0.2802,
0.3742

61.7733, 0.2733,
0.3891

66.6533, 0.2882,
0.3603

59.9587, 0.2678,
0.4049


69.7667, 0.2970,
0.3476

58.5248, 0.2640,
0.4213


73.3580, 0.3063,
0.3361

57.4405, 0.2621,
0.4379


77.4472, 0.3158,
0.3258

 56.6690, 0.2623,
0.4544

 81.8721, 0.3247,
0.3166

 56.1636, 0.2645,
0.4704

 82.4494, 0.3184,
0.3074

 56.0314, 0.2654,
0.4755

 82.8812, 0.3140,
0.3009

Harmonies

Analogous

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



63.9939, 0.3217, 0.4017



63.9939, 0.2802, 0.3742



63.9939, 0.2488, 0.3327

Triad

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



63.9939, 0.2802, 0.3742



63.9939, 0.2616, 0.2596



63.9939, 0.3981, 0.3550

Complementary

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



63.9939, 0.2802, 0.3742



39.0132, 0.3638, 0.2884

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.



63.9939, 0.3801, 0.3203



63.9939, 0.2802, 0.3742



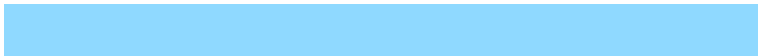
63.9939, 0.2990, 0.2675

Square

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



63.9939, 0.2802, 0.3742



63.9939, 0.2388, 0.2681



63.9939, 0.3428, 0.2892



63.9939, 0.3911, 0.3862

Rectangle

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



63.9939, 0.2802, 0.3742



63.9939, 0.2370, 0.3055



63.9939, 0.3428, 0.2892



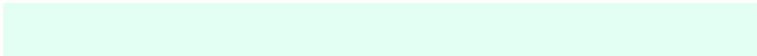
63.9939, 0.3948, 0.3434

Sweetspot

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



63.9965, 0.2802, 0.3742



94.3240, 0.3023, 0.3409



65.9595, 0.3322, 0.4319



20.0513, 0.3010, 0.3425



0.0000, 0.0000, 0.0000



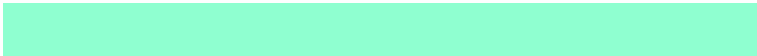
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9965, 0.2802, 0.3742



81.8799, 0.2749, 0.3854



62.7640, 0.2604, 0.3220



15.4695, 0.3038, 0.3391



31.9852, 0.2647, 0.4730



2.2348, 0.2579, 0.4485

Inverse Universe

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



39.0132, 0.3638, 0.2884



44.5680, 0.3792, 0.2801



39.4843, 0.3996, 0.3358



13.7960, 0.3226, 0.3192



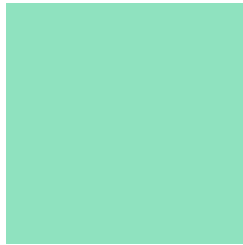
9.7216, 0.5280, 0.2682



0.6914, 0.4885, 0.2465

Previews

White Background



This preview shows how the Yxy color 63.9939, 0.2802, 0.3742 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 63.9939, 0.2802, 0.3742 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

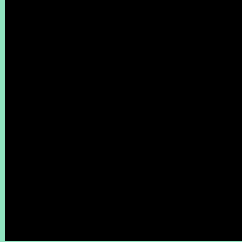
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.9939, 0.2802, 0.3742

Background



This preview shows how black text looks on a background with the Yxy color 63.9939, 0.2802, 0.3742.

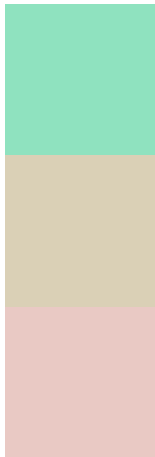


This preview shows how white text looks on a background with the Yxy color 63.9939, 0.2802, 0.3742.

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

63.9939, 0.2802, 0.3742

Protanopia

63.3946, 0.3392, 0.3589

Deuteranopia

63.0824, 0.3419, 0.3346



Tritanopia

64.1708, 0.2606, 0.3085

Trichromacy



Original Color

63.9939, 0.2802, 0.3742



Protanomaly

63.1800, 0.3154, 0.3653



Deuteranomaly

62.2676, 0.3163, 0.3480



Tritanomaly

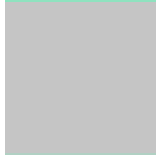
63.8939, 0.2677, 0.3313

Monochromacy



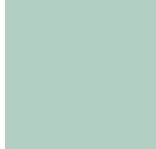
Original Color

63.9939, 0.2802, 0.3742



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

58.3990, 0.2987, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9939, 0.2802, 0.3742 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(143, 226, 191)` looks like.

```
.text, #text, p{  
    color:rgb(143, 226, 191)  
}
```

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(143, 226, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 226, 191) }
```

Border

The CSS property to change the border of an element to Yxy 63.9939, 0.2802, 0.3742 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(143, 226, 191) }
```

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

```
.border{ border-color:rgb(143, 226, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 226, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 226, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 226, 191);  
box-shadow:4px 4px 4px 4px rgb(143, 226,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9939, 0.2802, 0.3742 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 226, 191) }
```

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

```
.background{ background-color: rgb(143,  
226, 191) }
```

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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