

Converting Colors

$Yxy(66.9061, 0.2791, 0.3503)$

Have a look what the booklet for
Yxy(66.9061, 0.2791, 0.3503)
contains.

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Color

Yxy(66.9622, 0.2789, 0.3498)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9FE3D2 |
| RGB | 159, 227, 210 |
| RGB Percent | 62%, 89%, 82% |
| CMY | 0.3767, 0.1097, 0.1765 |
| CMYK | 0.30, 0.00, 0.07, 0.11 |
| HSL | 165°, 55%, 76% |
| HSV | 165°, 30%, 89% |
| XYZ | 53.3898, 66.9622, 71.0779 |
| YIQ | 204.7300, -35.0710, -19.7030 |

Conversions

Conversions Part 2

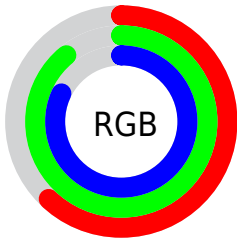
| Format | Color |
|-------------------------------------|---|
| RYB | 159, 198, 227 |
| Decimal | 10478546 |
| CIELab | 85.48, -24.88, 1.48 |
| CIELCh | 85, 24.929, 176.600 |
| Yxy | 66.9622, 0.2789, 0.3498 |
| Android (android.graphics.Color) | 4288668626 (0xFF9FE3D2) |
| YUV | 204.7300, 2.5981, -40.1052 |
| Hunter-Lab | 81.8304, -26.7419, 5.7820 |

Details

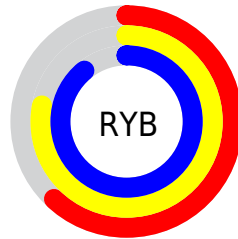
The Yxy color **66.9622, 0.2789, 0.3498** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **44.2422, 0.3630, 0.3094**, and the grayscale version is **60.8631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.1871, 0.2889, 0.3289**, and **34.5294, 0.2703, 0.3536** is the 20% darker color. If you saturate the color by 10%, you get **64.5764, 0.2694, 0.3579**, and if you desaturate by 10%, it is **69.7897, 0.2895, 0.3422**.

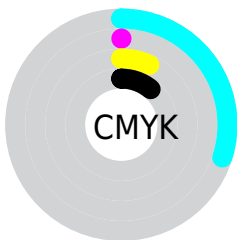
Distribution



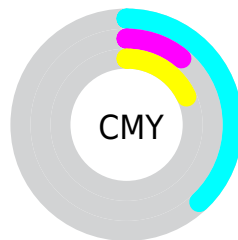
- Red (62%)
- Green (89%)
- Blue (82%)



- Red (62%)
- Yellow (78%)
- Blue (89%)



- Cyan (30%)
- Magenta (0%)
- Yellow (7%)
- Black (11%)




- Cyan (38%)
- Magenta (11%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.9622, 0.2789, 0.3498 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 66.9622, 0.2789, 0.3498 by changing the saturation by 10% instead.


 66.9622, 0.2789,
0.3498


 66.9622, 0.2789,
0.3498


449.8102, 0.2948,
0.3400

 49.0539, 0.2752,
0.3521


 114.8662, 0.2845,
0.3464

 34.6622, 0.2706,
0.3550


 145.6308, 0.2866,
0.3450

 23.4028, 0.2648,
0.3586


181.4495, 0.2885,
0.3439

 14.8912, 0.2570,
0.3635

222.7069, 0.2901,
0.3429

 8.7431, 0.2463,
0.3703

269.7872, 0.2915,
0.3420

 4.5740, 0.2306,
0.3804

323.0750, 0.2927,

 1.9995, 0.2054,

0.3413

0.3968

382.9545, 0.2938,
0.3406

0.6072, 0.0000,
0.5212

0.0000, 0.0000,
0.0000

66.9622, 0.2789,
0.3498

66.9622, 0.2789,
0.3498

64.5764, 0.2694,
0.3579

69.7897, 0.2895,
0.3422

62.6005, 0.2613,
0.3666


73.0722, 0.3009,
0.3353


61.0117, 0.2548,
0.3756


76.8329, 0.3127,
0.3290

59.7812, 0.2503,
0.3849


81.0907, 0.3249,
0.3233

 58.8763, 0.2477,
0.3943


 82.4027, 0.3248,
0.3178

 58.2582, 0.2470,
0.4037

 82.7424, 0.3211,
0.3123

 57.8595, 0.2481,
0.4130

 83.0927, 0.3174,
0.3069

 57.8590, 0.2481,
0.4130

 83.4274, 0.3140,
0.3019

Harmonies

Analogous

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



66.9622, 0.3072, 0.3741



66.9622, 0.2789, 0.3498



66.9622, 0.2601, 0.3202

Triad

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



66.9622, 0.2789, 0.3498



66.9622, 0.2859, 0.2789



66.9622, 0.3741, 0.3588

Complementary

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



66.9622, 0.2789, 0.3498



44.2422, 0.3630, 0.3094

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.



66.9622, 0.3682, 0.3337



66.9622, 0.2789, 0.3498



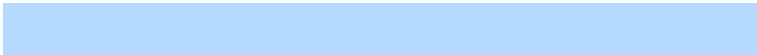
66.9622, 0.3160, 0.2892

Square

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



66.9622, 0.2789, 0.3498



66.9622, 0.2640, 0.2806



66.9622, 0.3465, 0.3088



66.9622, 0.3627, 0.3777

Rectangle

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



66.9622, 0.2789, 0.3498



66.9622, 0.2550, 0.3025



66.9622, 0.3465, 0.3088



66.9622, 0.3741, 0.3507

Sweetspot

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



66.9649, 0.2789, 0.3498



95.5400, 0.3019, 0.3347



66.8066, 0.3210, 0.4134



20.3056, 0.3002, 0.3356



0.0000, 0.0000, 0.0000



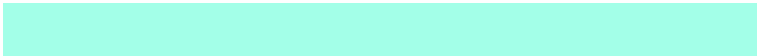
21.4041, 0.3127, 0.3290

Same Dimension

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



66.9649, 0.2789, 0.3498



85.1563, 0.2728, 0.3548



59.5659, 0.2674, 0.3094



16.2716, 0.3015, 0.3349



33.7575, 0.2477, 0.4116



2.5092, 0.2439, 0.3980

Inverse Universe

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



44.2422, 0.3630, 0.3094



51.0773, 0.3779, 0.3051



49.4263, 0.3744, 0.3477



14.4268, 0.3253, 0.3231



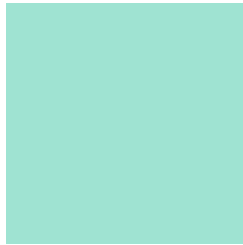
9.7109, 0.5924, 0.3037



0.7322, 0.5510, 0.2809

Previews

White Background



This preview shows how the Yxy color 66.9622, 0.2789, 0.3498 looks on a white background.

Color Contrast Check

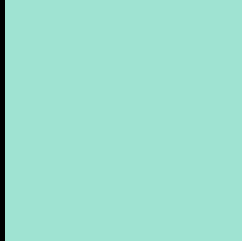
Large Text (above 18pt) WCAG AA × Fail

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 66.9622, 0.2789, 0.3498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

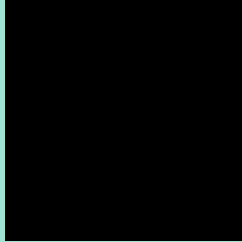
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

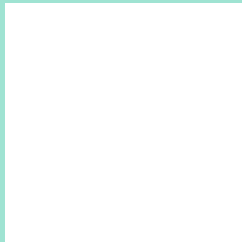
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 66.9622, 0.2789, 0.3498

Background



This preview shows how black text looks on a background with the Yxy color 66.9622, 0.2789, 0.3498.

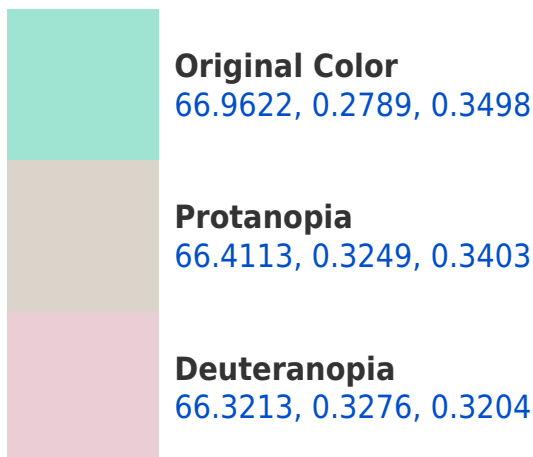


This preview shows how white text looks on a background with the Yxy color 66.9622, 0.2789, 0.3498.

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

67.1736, 0.2661, 0.3090

Trichromacy



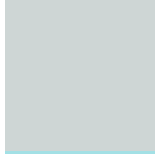
Original Color

66.9622, 0.2789, 0.3498



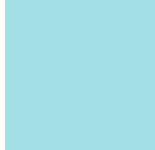
Protanomaly

65.9038, 0.3063, 0.3430



Deuteranomaly

66.0190, 0.3076, 0.3301



Tritanomaly

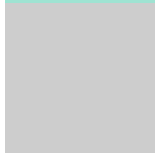
66.7550, 0.2704, 0.3229

Monochromacy



Original Color

66.9622, 0.2789, 0.3498



Achromatopsia

61.0496, 0.3127, 0.3290



Achromatomaly

62.7849, 0.2987, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.9622, 0.2789, 0.3498 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(159, 227, 210)` looks like.

```
.text, #text, p{  
    color:rgb(159, 227, 210)  
}
```

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(159, 227, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 227, 210) }
```

Border

The CSS property to change the border of an element to Yxy 66.9622, 0.2789, 0.3498 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(159, 227, 210) }
```

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

```
.border{ border-color:rgb(159, 227, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 227, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 227, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 227, 210);  
box-shadow:4px 4px 4px 4px rgb(159, 227,  
210) }
```


Background

The CSS property to change the background color of an element to Yxy 66.9622, 0.2789, 0.3498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 227, 210) }
```

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

```
.background{ background-color: rgb(159,  
227, 210) }
```

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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