

Converting Colors

$Yxy(64.0658, 0.2910, 0.3583)$

Have a look what the booklet for
Yxy(64.0658, 0.2910, 0.3583)
contains.

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Color

Yxy(63.9596, 0.2910, 0.3588)

Conversions

Conversions Part 1

Format	Color
Hex	A7DDC5
RGB	167, 221, 197
RGB Percent	65%, 87%, 77%
CMY	0.3450, 0.1333, 0.2275
CMYK	0.24, 0.00, 0.11, 0.13
HSL	153°, 44%, 76%
HSV	153°, 24%, 87%
XYZ	51.8736, 63.9596, 62.4266
YIQ	202.1180, -24.4800, -18.9120

Conversions

Conversions Part 2

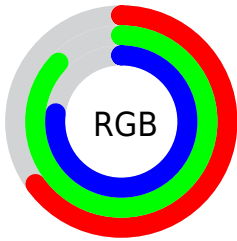
Format	Color
RYB	167, 202, 221
Decimal	11001285
CIELab	83.94, -22.19, 6.17
CIElCh	84, 23.031, 164.464
Yxy	63.9596, 0.2910, 0.3588
Android (android.graphics.Color)	4289191365 (0xFFA7DDC5)
YUV	202.1180, -2.5232, -30.7985
Hunter-Lab	79.9747, -24.1763, 9.7018

Details

The Yxy color **63.9596, 0.2910, 0.3588** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **46.7830, 0.3414, 0.3011**, and the grayscale version is **59.1716, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.3637, 0.2940, 0.3300**, and **32.8330, 0.2858, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **61.3208, 0.2830, 0.3732**, and if you desaturate by 10%, it is **67.0444, 0.2996, 0.3457**.

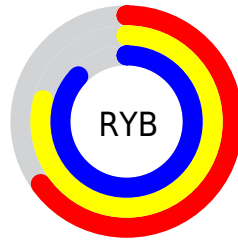
Distribution



Red (65%)

Green (87%)

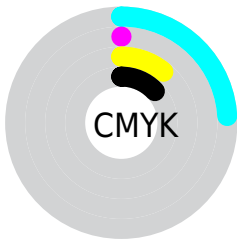
Blue (77%)



Red (65%)

Yellow (79%)

Blue (87%)

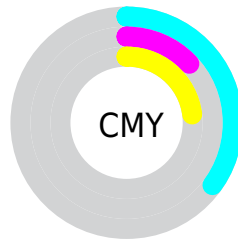


Cyan (24%)

Magenta (0%)

Yellow (11%)

Black (13%)



Cyan (35%)


Magenta (13%)

Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9596, 0.2910, 0.3588 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 63.9596, 0.2910, 0.3588 by changing the saturation by 10% instead.


 63.9596, 0.2910,
0.3588


 63.9596, 0.2910,
0.3588


439.0437, 0.3014,
0.3444

 46.6180, 0.2885,
0.3623

 110.5528, 0.2947,
0.3537

 32.7337, 0.2854,
0.3666


 140.5730, 0.2961,
0.3517

 21.9225, 0.2814,
0.3723


175.5883, 0.2973,
0.3500

 13.8000, 0.2759,
0.3800

215.9830, 0.2984,
0.3486

 7.9817, 0.2682,
0.3911

262.1415, 0.2993,
0.3473

 4.0832, 0.2565,
0.4082

314.4482, 0.3001,

 1.7202, 0.2364,

0.3462

0.4380

373.2875, 0.3008,
0.3453

0.4367, 0.0000,
0.9080

0.0000, 0.0000,
0.0000

63.9596, 0.2910,
0.3588

63.9596, 0.2910,
0.3588

61.3208, 0.2830,
0.3732

67.0444, 0.2996,
0.3457

59.0986, 0.2761,
0.3887


70.5873, 0.3087,
0.3338

57.2723, 0.2704,
0.4053


74.6096, 0.3179,
0.3233


55.8163, 0.2664,
0.4225


79.0477, 0.3267,
0.3139


 54.7018, 0.2642,
0.4400

 79.6361, 0.3201,
0.3044

 53.8953, 0.2641,
0.4574

 80.1931, 0.3143,
0.2960

 53.3565, 0.2660,
0.4744

 53.1351, 0.2677,
0.4835

Harmonies

Analogous

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



63.9596, 0.3194, 0.3768



63.9596, 0.2910, 0.3588



63.9596, 0.2691, 0.3320

Triad

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



63.9596, 0.2910, 0.3588



63.9596, 0.2780, 0.2811



63.9596, 0.3700, 0.3479

Complementary

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



63.9596, 0.2910, 0.3588



46.7830, 0.3414, 0.3011

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.



63.9596, 0.3580, 0.3237



63.9596, 0.2910, 0.3588



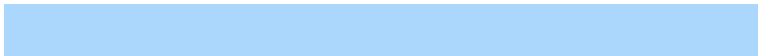
63.9596, 0.3039, 0.2863

Square

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



63.9596, 0.2910, 0.3588



63.9596, 0.2618, 0.2877



63.9596, 0.3333, 0.3017



63.9596, 0.3657, 0.3687

Rectangle

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



63.9596, 0.2910, 0.3588



63.9596, 0.2607, 0.3139



63.9596, 0.3333, 0.3017



63.9596, 0.3677, 0.3399

Sweetspot

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



63.9623, 0.2910, 0.3588



96.2694, 0.3063, 0.3368



65.6214, 0.3269, 0.3944



20.5401, 0.3057, 0.3375



0.0000, 0.0000, 0.0000



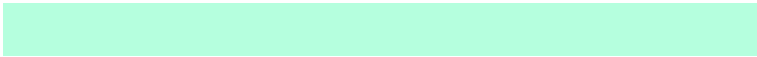
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9623, 0.2910, 0.3588



86.6291, 0.2871, 0.3656



63.7384, 0.2766, 0.3256



14.7267, 0.3041, 0.3396



30.8900, 0.2669, 0.4810



2.0185, 0.2594, 0.4538

Inverse Universe

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



46.7830, 0.3414, 0.3011



59.1806, 0.3488, 0.2953



46.8101, 0.3630, 0.3324



13.1473, 0.3222, 0.3186



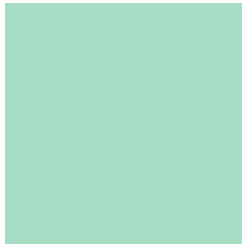
9.4678, 0.5181, 0.2628



0.6305, 0.4779, 0.2407

Previews

White Background



This preview shows how the Yxy color 63.9596, 0.2910, 0.3588 looks on a white background.

Color Contrast Check

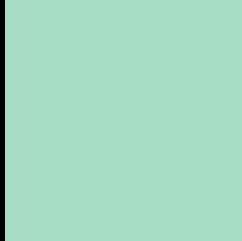
Large Text (above 18pt) WCAG AA × Fail

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 63.9596, 0.2910, 0.3588 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

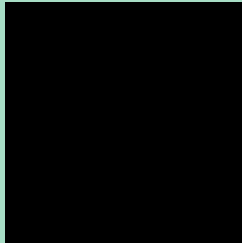
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

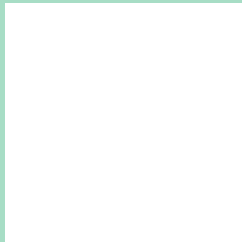
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9596, 0.2910, 0.3588

Background



This preview shows how black text looks on a background with the Yxy color 63.9596, 0.2910, 0.3588.

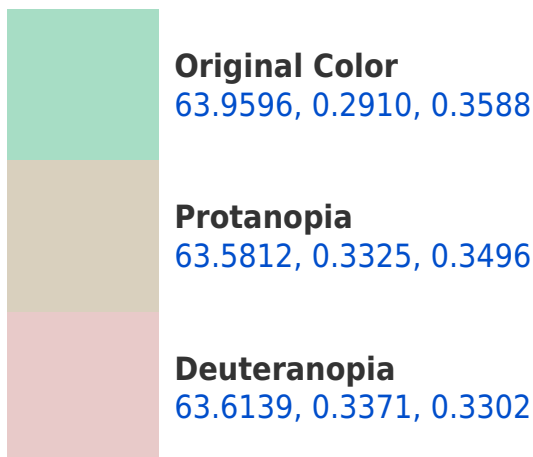


This preview shows how white text looks on a background with the Yxy color 63.9596, 0.2910, 0.3588.

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

63.9936, 0.2738, 0.3089

Trichromacy



Original Color

63.9596, 0.2910, 0.3588

Protanomaly

63.5809, 0.3160, 0.3527

Deuteranomaly

63.1810, 0.3183, 0.3394

Tritanomaly

63.9680, 0.2796, 0.3265

Monochromacy



Original Color

63.9596, 0.2910, 0.3588

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

60.5899, 0.3041, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9596, 0.2910, 0.3588 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(167, 221, 197)` looks like.

```
.text, #text, p{  
    color:rgb(167, 221, 197)  
}
```

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(167, 221, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 221, 197) }
```

Border

The CSS property to change the border of an element to Yxy 63.9596, 0.2910, 0.3588 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(167, 221, 197) }
```

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

```
.border{ border-color:rgb(167, 221, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 221, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 221, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 221, 197);  
box-shadow:4px 4px 4px 4px rgb(167, 221,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9596, 0.2910, 0.3588 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 221, 197) }
```

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

```
.background{ background-color: rgb(167,  
221, 197) }
```

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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