

Converting Colors

Yxy(61.6514, 0.2809, 0.3545)

Have a look what the booklet for
Yxy(61.6514, 0.2809, 0.3545)
contains.

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Color

Yxy(61.5589, 0.2808, 0.3544)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 99DBC7 |
| RGB | 153, 219, 199 |
| RGB Percent | 60%, 86%, 78% |
| CMY | 0.4002, 0.1411, 0.2195 |
| CMYK | 0.30, 0.00, 0.09, 0.14 |
| HSL | 162°, 48%, 73% |
| HSV | 162°, 30%, 86% |
| XYZ | 48.7747, 61.5589, 63.3654 |
| YIQ | 196.9860, -32.9160, -20.2120 |

Conversions

Conversions Part 2

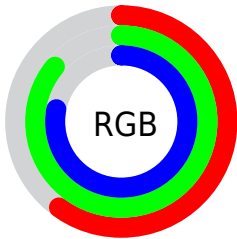
| Format | Color |
|-------------------------------------|--|
| RYB | 153, 192, 219 |
| Decimal | 10083271 |
| CIELab | 82.68, -25.03, 3.16 |
| CIElCh | 83, 25.233, 172.814 |
| Yxy | 61.5589, 0.2808, 0.3544 |
| Android (android.graphics.Color) | 4288273351 (0xFF99DBC7) |
| YUV | 196.9860, 0.9929, -38.5757 |
| Hunter-Lab | 78.4595, -26.3388, 7.0379 |

Details

The Yxy color **61.5589, 0.2808, 0.3544** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8457, 0.3597, 0.3052**, and the grayscale version is **55.8325, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.2953, 0.2855, 0.3289**, and **31.3046, 0.2732, 0.3618** is the 20% darker color. If you saturate the color by 10%, you get **59.3219, 0.2719, 0.3644**, and if you desaturate by 10%, it is **64.2054, 0.2908, 0.3452**.

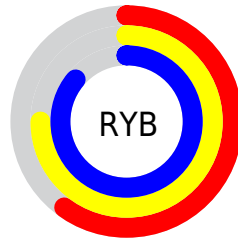
Distribution



Red (60%)

Green (86%)

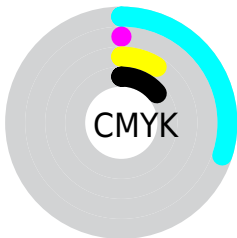
Blue (78%)



Red (60%)

Yellow (75%)

Blue (86%)

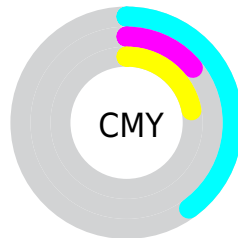


Cyan (30%)

Magenta (0%)

Yellow (9%)

Black (14%)



Cyan (40%)


Magenta (14%)


Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.5589, 0.2808, 0.3544 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 61.5589, 0.2808, 0.3544 by changing the saturation by 10% instead.


 61.5589, 0.2808,
0.3544


 61.5589, 0.2808,
0.3544


430.3203, 0.2961,
0.3421

 44.6764, 0.2772,
0.3573

 107.0878, 0.2862,
0.3500

 31.2026, 0.2726,
0.3610


 136.5029, 0.2883,
0.3484

 20.7532, 0.2668,
0.3659


170.8643, 0.2900,
0.3470

 12.9437, 0.2589,
0.3724


210.5565, 0.2916,
0.3457

 7.3898, 0.2478,
0.3817

255.9638, 0.2929,
0.3447

 3.7070, 0.2311,
0.3961

307.4706, 0.2941,

 1.5111, 0.2017,

0.3437

0.4216

365.4613, 0.2951,
0.3429

0.2965, 0.0000,
0.7437

0.0000, 0.0000,
0.0000

61.5589, 0.2808,
0.3544

61.5589, 0.2808,
0.3544

59.3219, 0.2719,
0.3644

64.2054, 0.2908,
0.3452

57.4653, 0.2643,
0.3749


67.2737, 0.3014,
0.3367

55.9679, 0.2583,
0.3860


70.7851, 0.3125,
0.3291

54.8033, 0.2541,
0.3975


74.7570, 0.3239,
0.3223

 53.9415, 0.2520,
0.4091

 77.7624, 0.3298,
0.3160

 53.3469, 0.2518,
0.4206

 78.1462, 0.3252,
0.3095

 52.9604, 0.2533,
0.4318

 78.5444, 0.3207,
0.3031

 78.9571, 0.3163,
0.2968

 79.1477, 0.3144,
0.2940

Harmonies

Analogous

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



61.5589, 0.3109, 0.3783



61.5589, 0.2808, 0.3544



61.5589, 0.2598, 0.3236

Triad

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



61.5589, 0.2808, 0.3544



61.5589, 0.2813, 0.2765



61.5589, 0.3769, 0.3567

Complementary

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



61.5589, 0.2808, 0.3544



40.8457, 0.3597, 0.3052

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.



61.5589, 0.3684, 0.3304



61.5589, 0.2808, 0.3544



61.5589, 0.3119, 0.2857

Square

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



61.5589, 0.2808, 0.3544



61.5589, 0.2601, 0.2799



61.5589, 0.3441, 0.3050



61.5589, 0.3671, 0.3778

Rectangle

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



61.5589, 0.2808, 0.3544



61.5589, 0.2533, 0.3045



61.5589, 0.3441, 0.3050



61.5589, 0.3761, 0.3482

Sweetspot

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



61.5614, 0.2808, 0.3544



95.4652, 0.3026, 0.3359



61.9508, 0.3234, 0.4131



20.2871, 0.3010, 0.3371



0.0000, 0.0000, 0.0000



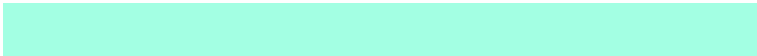
21.4041, 0.3127, 0.3290

Same Dimension

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



61.5614, 0.2808, 0.3544



84.8870, 0.2752, 0.3604



56.4607, 0.2677, 0.3136



14.7590, 0.3022, 0.3362



31.4204, 0.2528, 0.4301



2.0506, 0.2476, 0.4115

Inverse Universe

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



40.8457, 0.3597, 0.3052



51.2853, 0.3732, 0.3002



44.2955, 0.3759, 0.3438



13.1160, 0.3244, 0.3220



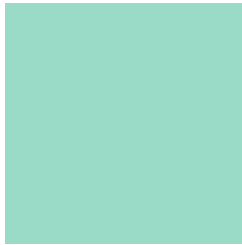
9.1818, 0.5743, 0.2937



0.6099, 0.5275, 0.2679

Previews

White Background



This preview shows how the Yxy color 61.5589, 0.2808, 0.3544 looks on a white background.

Color Contrast Check

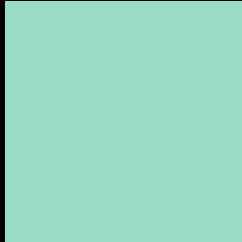
Large Text (above 18pt) WCAG AA × Fail

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 61.5589, 0.2808, 0.3544 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

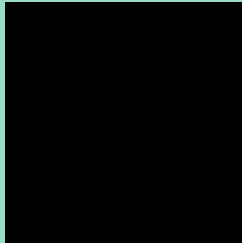
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

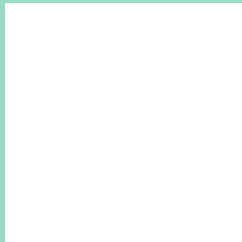
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.5589, 0.2808, 0.3544

Background



This preview shows how black text looks on a background with the Yxy color 61.5589, 0.2808, 0.3544.

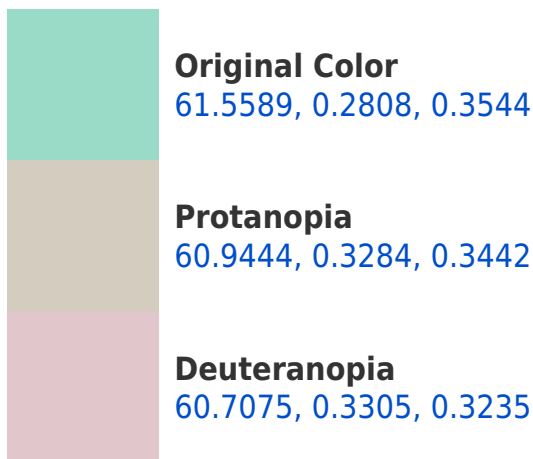


This preview shows how white text looks on a background with the Yxy color 61.5589, 0.2808, 0.3544.

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

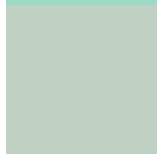
61.3362, 0.2662, 0.3083

Trichromacy



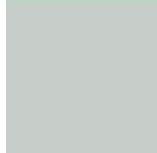
Original Color

61.5589, 0.2808, 0.3544



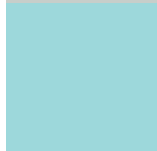
Protanomaly

60.5723, 0.3096, 0.3472



Deuteranomaly

60.5490, 0.3102, 0.3337



Tritanomaly

61.3943, 0.2714, 0.3252

Monochromacy



Original Color

61.5589, 0.2808, 0.3544



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.5636, 0.2996, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.5589, 0.2808, 0.3544 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(153, 219, 199)` looks like.

```
.text, #text, p{  
    color:rgb(153, 219, 199)  
}
```

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(153, 219, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 219, 199) }
```

Border

The CSS property to change the border of an element to Yxy 61.5589, 0.2808, 0.3544 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(153, 219, 199) }
```

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

```
.border{ border-color:rgb(153, 219, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 219, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 219, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 219, 199);  
box-shadow:4px 4px 4px 4px rgb(153, 219,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 61.5589, 0.2808, 0.3544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 219, 199) }
```

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

```
.background{ background-color: rgb(153,  
219, 199) }
```

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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