

Converting Colors

$Yxy(55.3395, 0.2798, 0.3997)$

Have a look what the booklet for
Yxy(55.3395, 0.2798, 0.3997)
contains.

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Color

Yxy(55.2394, 0.2801, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	77D7A5
RGB	119, 215, 165
RGB Percent	47%, 84%, 65%
CMY	0.5333, 0.1569, 0.3529
CMYK	0.45, 0.00, 0.23, 0.16
HSL	149°, 55%, 65%
HSV	149°, 45%, 84%
XYZ	38.7007, 55.2394, 44.2274
YIQ	180.5960, -41.1660, -35.9020

Conversions

Conversions Part 2

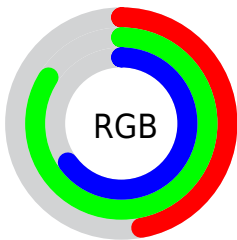
Format	Color
RYB	119, 184, 215
Decimal	7853989
CIELab	79.18, -39.66, 15.98
CIElCh	79, 42.761, 158.050
Yxy	55.2394, 0.2801, 0.3998
Android (android.graphics.Color)	4286044069 (0xFF77D7A5)
YUV	180.5960, -7.6888, -54.0197
Hunter-Lab	74.3232, -37.1191, 16.7446

Details

The Yxy color **55.2394, 0.2801, 0.3998** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **30.5054, 0.3681, 0.2688**, and the grayscale version is **46.0396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8013, 0.2849, 0.3684**, and **27.3580, 0.2703, 0.4217** is the 20% darker color. If you saturate the color by 10%, you get **53.4986, 0.2752, 0.4194**, and if you desaturate by 10%, it is **57.3645, 0.2863, 0.3814**.

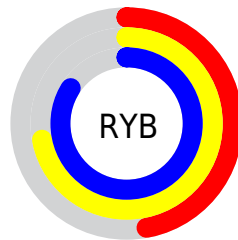
Distribution



Red (47%)

Green (84%)

Blue (65%)



Red (47%)

Yellow (72%)

Blue (84%)

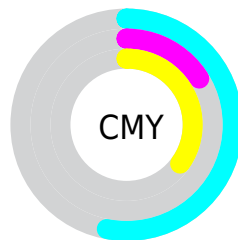


Cyan (45%)

Magenta (0%)

Yellow (23%)

Black (16%)



Cyan (53%)

Magenta (16%)

Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2394, 0.2801, 0.3998 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 55.2394, 0.2801, 0.3998 by changing the saturation by 10% instead.


 55.2394, 0.2801,
0.3998

 55.2394, 0.2801,
0.3998


406.8188, 0.2967,
0.3638


 39.5934, 0.2759,
0.4090


 97.8916, 0.2862,
0.3866

 27.2217, 0.2704,
0.4209


 125.6667, 0.2885,
0.3816

 17.7398, 0.2630,
0.4368


 158.2535, 0.2904,
0.3775

 10.7633, 0.2526,
0.4594

196.0366, 0.2920,
0.3739

 5.9079, 0.2368,
0.4934

239.4002, 0.2934,
0.3709

 2.7892, 0.2106,
0.5502

288.7289, 0.2947,

 1.0227, 0.0000,

0.3682

1.0000

344.4069, 0.2958,
0.3658

■ 0.0000, 0.0000,
0.0000

■ 55.2394, 0.2801,
0.3998

■ 55.2394, 0.2801,
0.3998

■ 53.4986, 0.2752,
0.4194

■ 57.3645, 0.2863,
0.3814

■ 52.1108, 0.2718,
0.4397

■ 59.8892, 0.2933,
0.3644

■ 51.0511, 0.2702,
0.4602

■ 62.8363, 0.3010,
0.3489


■ 50.2876, 0.2707,
0.4804

■ 66.2248, 0.3090,
0.3350


■ 49.7821, 0.2731,
0.4996


■ 70.0724, 0.3170,
0.3226

 49.5828, 0.2748,
0.5094

 74.3960, 0.3250,
0.3116

 76.3564, 0.3224,
0.3010

 77.0550, 0.3148,
0.2904

 77.0824, 0.3145,
0.2901

Harmonies

Analogous

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



55.2394, 0.3349, 0.4300



55.2394, 0.2801, 0.3998



55.2394, 0.2366, 0.3451

Triad

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



55.2394, 0.2801, 0.3998



55.2394, 0.2386, 0.2404



55.2394, 0.4228, 0.3511

Complementary

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



55.2394, 0.2801, 0.3998



30.5054, 0.3681, 0.2688

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.



55.2394, 0.3927, 0.3077



55.2394, 0.2801, 0.3998



55.2394, 0.2828, 0.2468

Square

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



55.2394, 0.2801, 0.3998



55.2394, 0.2148, 0.2546



55.2394, 0.3395, 0.2708



55.2394, 0.4195, 0.3936

Rectangle

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



55.2394, 0.2801, 0.3998



55.2394, 0.2188, 0.3075



55.2394, 0.3395, 0.2708



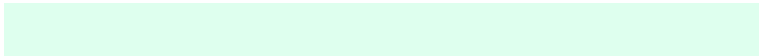
55.2394, 0.4163, 0.3363

Sweetspot

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



55.2417, 0.2801, 0.3998



93.1837, 0.3022, 0.3467



58.5029, 0.3426, 0.4529



19.7217, 0.3004, 0.3499



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.



55.2417, 0.2801, 0.3998



78.7543, 0.2752, 0.4191



57.2679, 0.2546, 0.3331



13.9941, 0.3051, 0.3414



29.6768, 0.2741, 0.5067



1.8066, 0.2650, 0.4741

Inverse Universe

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



30.5054, 0.3681, 0.2688



37.7266, 0.3866, 0.2567



29.0515, 0.4273, 0.3254



12.5277, 0.3210, 0.3169



9.3616, 0.4860, 0.2451



0.5813, 0.4498, 0.2252

Previews

White Background



This preview shows how the Yxy color 55.2394, 0.2801, 0.3998 looks on a white background.

Color Contrast Check

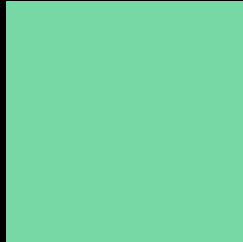
Large Text (above 18pt) WCAG AA × Fail

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 55.2394, 0.2801, 0.3998 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 55.2394, 0.2801, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 55.2394, 0.2801, 0.3998.

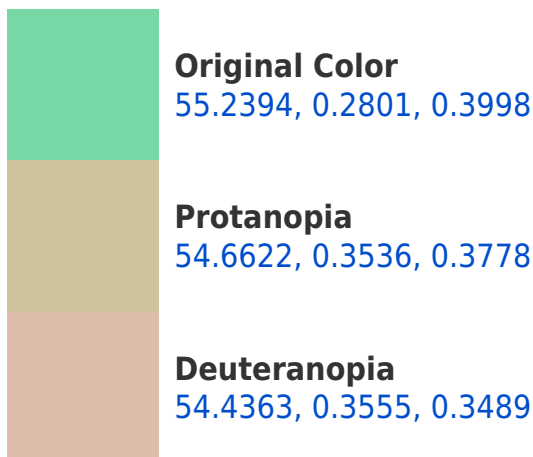


This preview shows how white text looks on a background with the Yxy color 55.2394, 0.2801, 0.3998.

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

55.0758, 0.2541, 0.3070

Trichromacy



Original Color

55.2394, 0.2801, 0.3998



Protanomaly

53.8582, 0.3224, 0.3854



Deuteranomaly

53.5670, 0.3237, 0.3661



Tritanomaly

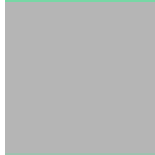
55.0721, 0.2634, 0.3382

Monochromacy



Original Color

55.2394, 0.2801, 0.3998



Achromatopsia

46.2077, 0.3127, 0.3290



Achromatomaly

48.5042, 0.2982, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2394, 0.2801, 0.3998 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(119, 215, 165)` looks like.

```
.text, #text, p{  
    color:rgb(119, 215, 165)  
}
```

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(119, 215, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 215, 165) }
```

Border

The CSS property to change the border of an element to Yxy 55.2394, 0.2801, 0.3998 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(119, 215, 165) }
```

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

```
.border{ border-color:rgb(119, 215, 165) }
```

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

Here you see how a box with a 4 pixel rgb(119, 215, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 215, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 215, 165);  
box-shadow:4px 4px 4px 4px rgb(119, 215,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2394, 0.2801, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 215, 165) }
```

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

```
.background{ background-color: rgb(119,  
215, 165) }
```

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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