

Converting Colors

$Yxy(55.7905, 0.2901, 0.3954)$

Have a look what the booklet for
Yxy(55.7905, 0.2901, 0.3954)
contains.

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Color

Yxy(55.5394, 0.2901, 0.3954)

Conversions

Conversions Part 1

Format	Color
Hex	88D5A5
RGB	136, 213, 165
RGB Percent	53%, 84%, 65%
CMY	0.4664, 0.1647, 0.3529
CMYK	0.36, 0.00, 0.23, 0.16
HSL	143°, 48%, 68%
HSV	143°, 36%, 84%
XYZ	40.7486, 55.5394, 44.1759
YIQ	184.5050, -30.4840, -31.2520

Conversions

Conversions Part 2

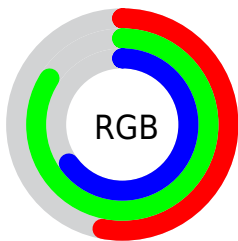
Format	Color
RYB	136, 192, 213
Decimal	8967589
CIELab	79.35, -33.98, 16.34
CIElCh	79, 37.702, 154.320
Yxy	55.5394, 0.2901, 0.3954
Android (android.graphics.Color)	4287157669 (0xFF88D5A5)
YUV	184.5050, -9.6160, -42.5389
Hunter-Lab	74.5248, -32.8183, 17.0221

Details

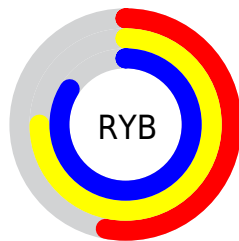
The Yxy color **55.5394, 0.2901, 0.3954** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.2363, 0.3456, 0.2711**, and the grayscale version is **48.3036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8938, 0.2943, 0.3673**, and **27.4398, 0.2829, 0.4154** is the 20% darker color. If you saturate the color by 10%, you get **53.4719, 0.2851, 0.4180**, and if you desaturate by 10%, it is **58.0162, 0.2959, 0.3745**.

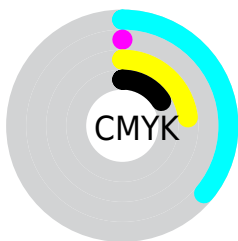
Distribution



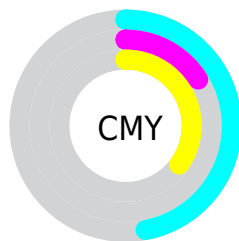
- Red (53%)
- Green (84%)
- Blue (65%)



- Red (53%)
- Yellow (75%)
- Blue (84%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (16%)



- Cyan (47%)
- Magenta (16%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5394, 0.2901, 0.3954 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 55.5394, 0.2901, 0.3954 by changing the saturation by 10% instead.


 55.5394, 0.2901,
0.3954


 55.5394, 0.2901,
0.3954


407.9534, 0.3018,
0.3617


 39.8338, 0.2871,
0.4039


 98.3308, 0.2944,
0.3831

 27.4089, 0.2831,
0.4150


 126.1854, 0.2960,
0.3785

 17.8806, 0.2778,
0.4298


 158.8583, 0.2974,
0.3746

 10.8643, 0.2701,
0.4506

196.7341, 0.2985,
0.3713

 5.9757, 0.2583,
0.4819

240.1971, 0.2995,
0.3684

 2.8303, 0.2381,
0.5339

289.6317, 0.3004,

 1.0438, 0.1289,

0.3659

0.8711

345.4224, 0.3011,
0.3637

■ 0.0000, 0.0000,
0.0000

■ 55.5394, 0.2901,
0.3954

■ 55.5394, 0.2901,
0.3954

■ 53.4719, 0.2851,
0.4180

■ 58.0162, 0.2959,
0.3745

■ 51.7841, 0.2813,
0.4417

■ 60.9161, 0.3022,
0.3555

■ 50.4535, 0.2789,
0.4661


■ 64.2609, 0.3087,
0.3385


■ 49.4519, 0.2782,
0.4902


■ 68.0687, 0.3153,
0.3233

■ 48.7470, 0.2794,
0.5131

■ 72.3565, 0.3218,
0.3100

 48.2984, 0.2824,
0.5338

 75.4200, 0.3216,
0.2977

 48.1656, 0.2837,
0.5412

 76.0643, 0.3146,
0.2881

Harmonies

Analogous

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



55.5394, 0.3391, 0.4183



55.5394, 0.2901, 0.3954



55.5394, 0.2493, 0.3498

Triad

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



55.5394, 0.2901, 0.3954



55.5394, 0.2432, 0.2506



55.5394, 0.4077, 0.3446

Complementary

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



55.5394, 0.2901, 0.3954



35.2363, 0.3456, 0.2711

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.



55.5394, 0.3780, 0.3059



55.5394, 0.2901, 0.3954



55.5394, 0.2808, 0.2539

Square

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



55.5394, 0.2901, 0.3954



55.5394, 0.2241, 0.2663



55.5394, 0.3302, 0.2737



55.5394, 0.4090, 0.3828

Rectangle

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



55.5394, 0.2901, 0.3954



55.5394, 0.2316, 0.3166



55.5394, 0.3302, 0.2737



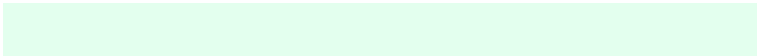
55.5394, 0.4007, 0.3314

Sweetspot

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



55.5417, 0.2901, 0.3954



93.9867, 0.3054, 0.3467



59.6518, 0.3439, 0.4257



19.9710, 0.3045, 0.3491



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.



55.5417, 0.2901, 0.3954



81.1427, 0.2864, 0.4118



57.1238, 0.2680, 0.3424



13.9725, 0.3065, 0.3439



29.4426, 0.2829, 0.5385



1.7917, 0.2731, 0.5031

Inverse Universe

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



35.2363, 0.3456, 0.2711



46.4598, 0.3548, 0.2595



33.8590, 0.3875, 0.3164



12.5498, 0.3195, 0.3146



9.6935, 0.4435, 0.2217



0.6005, 0.4168, 0.2070

Previews

White Background



This preview shows how the Yxy color 55.5394, 0.2901, 0.3954 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 55.5394, 0.2901, 0.3954 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

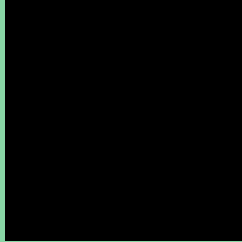
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5394, 0.2901, 0.3954

Background



This preview shows how black text looks on a background with the Yxy color 55.5394, 0.2901, 0.3954.



This preview shows how white text looks on a background with the Yxy color 55.5394, 0.2901, 0.3954.

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

55.5394, 0.2901, 0.3954

Protanopia

54.8744, 0.3529, 0.3752

Deuteranopia

54.7160, 0.3581, 0.3500



Tritanopia

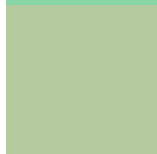
55.2325, 0.2628, 0.3073

Trichromacy



Original Color

55.5394, 0.2901, 0.3954



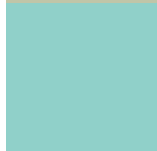
Protanomaly

54.7242, 0.3273, 0.3831



Deuteranomaly

53.9661, 0.3304, 0.3655



Tritanomaly

55.2581, 0.2729, 0.3381

Monochromacy



Original Color

55.5394, 0.2901, 0.3954



Achromatopsia

48.5150, 0.3127, 0.3290



Achromatomaly

50.4601, 0.3030, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5394, 0.2901, 0.3954 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(136, 213, 165)` looks like.

```
.text, #text, p{  
    color:rgb(136, 213, 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(136, 213, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 213, 165) }
```

Border

The CSS property to change the border of an element to Yxy 55.5394, 0.2901, 0.3954 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(136, 213, 165) }
```

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

```
.border{ border-color:rgb(136, 213, 165) }
```

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

Here you see how a box with a 4 pixel rgb(136, 213, 165) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 213, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 213, 165);  
box-shadow:4px 4px 4px 4px rgb(136, 213,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5394, 0.2901, 0.3954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 213, 165) }
```

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

```
.background{ background-color: rgb(136,  
213, 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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