

Converting Colors

$Yxy(43.5571, 0.2908, 0.4451)$

Have a look what the booklet for
Yxy(43.5571, 0.2908, 0.4451)
contains.

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Color

Yxy(43.5877, 0.2908, 0.4444)

Conversions

Conversions Part 1

Format	Color
Hex	63C47C
RGB	99, 196, 124
RGB Percent	39%, 77%, 49%
CMY	0.6118, 0.2314, 0.5138
CMYK	0.49, 0.00, 0.37, 0.23
HSL	135°, 45%, 58%
HSV	135°, 49%, 77%
XYZ	28.5223, 43.5877, 25.9721
YIQ	158.7890, -34.7000, -42.9560

Conversions

Conversions Part 2

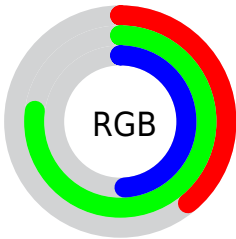
Format	Color
RYB	99, 176, 196
Decimal	6538364
CIELab	71.95, -44.36, 27.61
CIELCh	72, 52.244, 148.102
Yxy	43.5877, 0.2908, 0.4444
Android (android.graphics.Color)	4284728444 (0xFF63C47C)
YUV	158.7890, -17.1510, -52.4350
Hunter-Lab	66.0210, -38.4214, 22.8905

Details

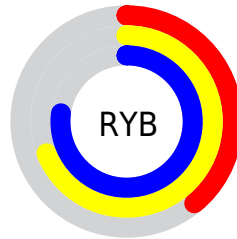
The Yxy color **43.5877, 0.2908, 0.4444** is a dark color, and the websafe version is hex **66CC99**. A complement of this color would be **23.6008, 0.3477, 0.2373**, and the grayscale version is **34.6610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3934, 0.2961, 0.4207**, and **19.9755, 0.2808, 0.4837** is the 20% darker color. If you saturate the color by 10%, you get **42.2750, 0.2882, 0.4726**, and if you desaturate by 10%, it is **45.2263, 0.2944, 0.4171**.

Distribution



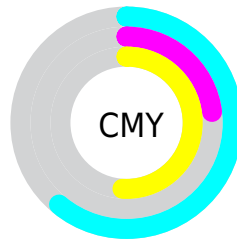
- Red (39%)
- Green (77%)
- Blue (49%)



- Red (39%)
- Yellow (69%)
- Blue (77%)



- Cyan (49%)
- Magenta (0%)
- Yellow (37%)
- Black (23%)




- Cyan (61%)
- Magenta (23%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.5877, 0.2908, 0.4444 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 43.5877, 0.2908, 0.4444 by changing the saturation by 10% instead.


 43.5877, 0.2908,
0.4444


 43.5877, 0.2908,
0.4444


361.0231, 0.3039,
0.3823


 30.3465, 0.2867,
0.4613


 80.5970, 0.2961,
0.4208


 20.1017, 0.2810,
0.4838


 105.1338, 0.2980,
0.4123

 12.4690, 0.2723,
0.5151


 134.2047, 0.2994,
0.4052

 7.0639, 0.2584,
0.5611

 168.1940, 0.3007,
0.3992

 3.5021, 0.2340,
0.6359

207.4861, 0.3017,
0.3940

 1.3992, 0.1111,
0.8889

252.4654, 0.3025,

 0.2161, 0.0000,

0.3896

1.0000

303.5163, 0.3033,
0.3857

0.0000, 0.0000,
0.0000

43.5877, 0.2908,
0.4444

43.5877, 0.2908,
0.4444

42.2750, 0.2882,
0.4726

45.2263, 0.2944,
0.4171

41.2605, 0.2869,
0.5006

47.2052, 0.2986,
0.3914

40.5213, 0.2871,
0.5268


49.5447, 0.3033,
0.3679

40.0279, 0.2888,
0.5500

52.2617, 0.3081,
0.3468

39.7296, 0.2915,
0.5689


55.3721, 0.3130,
0.3281

 39.7167, 0.2916,
0.5697

 58.8908, 0.3177,
0.3117

 62.8322, 0.3223,
0.2973

 67.0573, 0.3260,
0.2848

 67.9592, 0.3155,
0.2713

Harmonies

Analogous

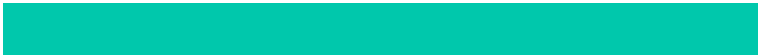
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



43.5877, 0.3624, 0.4663



43.5877, 0.2908, 0.4444



43.5877, 0.2290, 0.3758

Triad

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



43.5877, 0.2908, 0.4444



43.5877, 0.2046, 0.2182



43.5877, 0.4498, 0.3355

Complementary

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



43.5877, 0.2908, 0.4444



23.6008, 0.3477, 0.2373

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.



43.5877, 0.3970, 0.2836



43.5877, 0.2908, 0.4444



43.5877, 0.2516, 0.2192

Square

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



43.5877, 0.2908, 0.4444



43.5877, 0.1844, 0.2434



43.5877, 0.3213, 0.2425



43.5877, 0.4586, 0.3907

Rectangle

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



43.5877, 0.2908, 0.4444



43.5877, 0.2011, 0.3225



43.5877, 0.3213, 0.2425



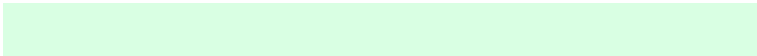
43.5877, 0.4365, 0.3174

Sweetspot

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



43.5895, 0.2908, 0.4444



91.7575, 0.3053, 0.3586



49.1258, 0.3630, 0.4578



19.4202, 0.3043, 0.3633



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.



43.5895, 0.2908, 0.4444



76.4883, 0.2882, 0.4738



45.1038, 0.2620, 0.3657



11.3005, 0.3082, 0.3466



25.5303, 0.2910, 0.5675



1.1148, 0.2781, 0.5213

Inverse Universe

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



23.6008, 0.3477, 0.2373



36.2426, 0.3579, 0.2211



22.0960, 0.4144, 0.2971



10.2018, 0.3176, 0.3121



8.8793, 0.3980, 0.1966



0.3943, 0.3773, 0.1852

Previews

White Background



This preview shows how the Yxy color 43.5877, 0.2908, 0.4444 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 43.5877, 0.2908, 0.4444 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 43.5877, 0.2908, 0.4444

Background



This preview shows how black text looks on a background with the Yxy color 43.5877, 0.2908, 0.4444.



This preview shows how white text looks on a background with the Yxy color 43.5877, 0.2908, 0.4444.

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

43.5877, 0.2908, 0.4444

Protanopia

42.8449, 0.3781, 0.4084

Deuteranopia

42.8824, 0.3848, 0.3770



Tritanopia

43.6565, 0.2529, 0.3075

Trichromacy



Original Color

43.5877, 0.2908, 0.4444



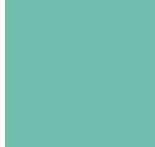
Protanomaly

42.3431, 0.3412, 0.4236



Deuteranomaly

41.7241, 0.3449, 0.4002



Tritanomaly

43.2624, 0.2661, 0.3530

Monochromacy



Original Color

43.5877, 0.2908, 0.4444



Achromatopsia

34.6704, 0.3127, 0.3290



Achromatomaly

36.8987, 0.3029, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5877, 0.2908, 0.4444 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(99, 196, 124)` looks like.

```
.text, #text, p{  
    color:rgb(99, 196, 124)  
}
```

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(99, 196, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 196, 124) }
```

Border

The CSS property to change the border of an element to Yxy 43.5877, 0.2908, 0.4444 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(99, 196, 124) }
```

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

```
.border{ border-color:rgb(99, 196, 124) }
```

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

Here you see how a box with a 4 pixel rgb(99, 196, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 196, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 196, 124);  
box-shadow:4px 4px 4px 4px rgb(99, 196,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5877, 0.2908, 0.4444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 196, 124) }
```

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

```
.background{ background-color: rgb(99, 196,  
124) }
```

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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