

Converting Colors

$Yxy(43.1725, 0.2921, 0.4208)$

Have a look what the booklet for
Yxy(43.1725, 0.2921, 0.4208)
contains.

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Color

Yxy(43.3059, 0.2927, 0.4217)

Conversions

Conversions Part 1

Format	Color
Hex	70C186
RGB	112, 193, 134
RGB Percent	44%, 76%, 53%
CMY	0.5606, 0.2431, 0.4745
CMYK	0.42, 0.00, 0.31, 0.24
HSL	136°, 40%, 60%
HSV	136°, 42%, 76%
XYZ	30.0584, 43.3059, 29.3293
YIQ	162.0550, -29.3370, -35.5210

Conversions

Conversions Part 2

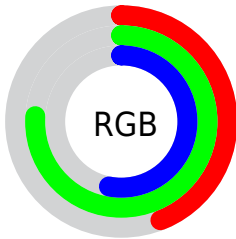
Format	Color
RYB	112, 176, 193
Decimal	7389574
CIELab	71.76, -37.63, 22.15
CIELCh	72, 43.666, 149.520
Yxy	43.3059, 0.2927, 0.4217
Android (android.graphics.Color)	4285579654 (0xFF70C186)
YUV	162.0550, -13.8311, -43.8982
Hunter-Lab	65.8072, -33.6301, 19.6404

Details

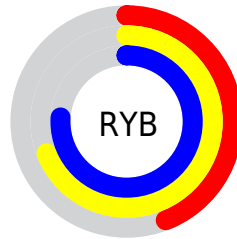
The Yxy color **43.3059, 0.2927, 0.4217** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.8749, 0.3422, 0.2519**, and the grayscale version is **36.2392, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.1746, 0.2975, 0.4036**, and **20.0049, 0.2848, 0.4529** is the 20% darker color. If you saturate the color by 10%, you get **41.8073, 0.2892, 0.4488**, and if you desaturate by 10%, it is **45.1316, 0.2969, 0.3961**.

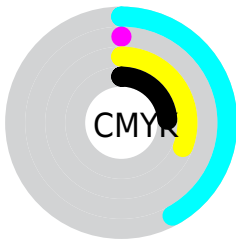
Distribution



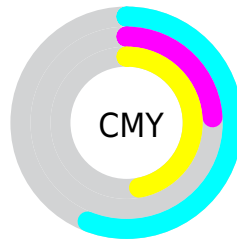
- Red (44%)
- Green (76%)
- Blue (53%)



- Red (44%)
- Yellow (69%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (31%)
- Black (24%)





- Cyan (56%)
- Magenta (24%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3059, 0.2927, 0.4217 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 43.3059, 0.2927, 0.4217 by changing the saturation by 10% instead.


 43.3059, 0.2927,
0.4217


 43.3059, 0.2927,
0.4217


359.8683, 0.3042,
0.3722

 30.1252, 0.2893,
0.4351


 80.1723, 0.2972,
0.4030

 19.9336, 0.2846,
0.4529


 104.6267, 0.2988,
0.3961

 12.3468, 0.2777,
0.4777


 133.6079, 0.3001,
0.3905

 6.9803, 0.2668,
0.5144

167.5002, 0.3012,
0.3857

 3.4498, 0.2476,
0.5732

206.6880, 0.3021,
0.3816

 1.3708, 0.1888,
0.8112

251.5557, 0.3029,

 0.1951, 0.0000,

0.3780

1.0000

302.4876, 0.3036,
0.3749

0.0000, 0.0000,
0.0000

43.3059, 0.2927,
0.4217

43.3059, 0.2927,
0.4217

41.8073, 0.2892,
0.4488

45.1316, 0.2969,
0.3961

40.6109, 0.2869,
0.4766

47.2970, 0.3017,
0.3726

39.6968, 0.2859,
0.5039


49.8204, 0.3067,
0.3513

39.0402, 0.2864,
0.5294


52.7171, 0.3117,
0.3324


38.6120, 0.2885,
0.5516


56.0018, 0.3167,
0.3158

 38.3905, 0.2907,
0.5666

 59.6883, 0.3215,
0.3012

 63.7895, 0.3261,
0.2885

 66.0844, 0.3217,
0.2760

 66.6193, 0.3156,
0.2683

Harmonies

Analogous

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



43.3059, 0.3536, 0.4435



43.3059, 0.2927, 0.4217



43.3059, 0.2402, 0.3651

Triad

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



43.3059, 0.2927, 0.4217



43.3059, 0.2216, 0.2338



43.3059, 0.4288, 0.3385

Complementary

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



43.3059, 0.2927, 0.4217



25.8749, 0.3422, 0.2519

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.



43.3059, 0.3862, 0.2928



43.3059, 0.2927, 0.4217



43.3059, 0.2637, 0.2351

Square

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



43.3059, 0.2927, 0.4217



43.3059, 0.2027, 0.2556



43.3059, 0.3236, 0.2562



43.3059, 0.4354, 0.3862

Rectangle

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



43.3059, 0.2927, 0.4217



43.3059, 0.2165, 0.3218



43.3059, 0.3236, 0.2562



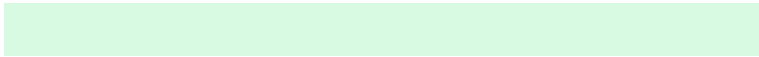
43.3059, 0.4181, 0.3227

Sweetspot

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



43.3077, 0.2927, 0.4217



88.6277, 0.3060, 0.3539



48.0138, 0.3552, 0.4387



18.7894, 0.3049, 0.3585



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



43.3077, 0.2927, 0.4217



75.1634, 0.2896, 0.4456



44.6466, 0.2672, 0.3571



11.3027, 0.3080, 0.3462



25.5463, 0.2901, 0.5645



1.1158, 0.2771, 0.5177

Inverse Universe

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



25.8749, 0.3422, 0.2519



39.9178, 0.3506, 0.2368



24.5702, 0.3938, 0.3035



10.1994, 0.3178, 0.3124



8.8266, 0.4029, 0.1993



0.3924, 0.3807, 0.1871

Previews

White Background



This preview shows how the Yxy color 43.3059, 0.2927, 0.4217 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 43.3059, 0.2927, 0.4217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

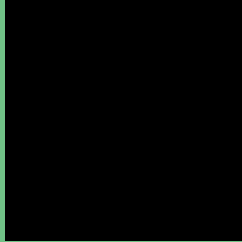
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3059, 0.2927, 0.4217

Background



This preview shows how black text looks on a background with the Yxy color 43.3059, 0.2927, 0.4217.

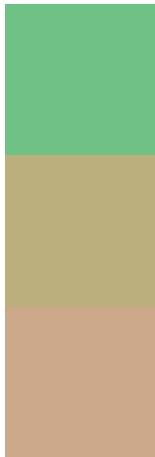


This preview shows how white text looks on a background with the Yxy color 43.3059, 0.2927, 0.4217.

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

43.3059, 0.2927, 0.4217

Protanopia

42.8577, 0.3668, 0.3946

Deuteranopia

42.7067, 0.3735, 0.3661



Tritanopia

43.3801, 0.2591, 0.3077

Trichromacy



Original Color

43.3059, 0.2927, 0.4217

Protanomaly

42.5145, 0.3357, 0.4056

Deuteranomaly

41.9084, 0.3405, 0.3854

Tritanomaly

43.2386, 0.2714, 0.3467

Monochromacy



Original Color

43.3059, 0.2927, 0.4217

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

38.0834, 0.3042, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3059, 0.2927, 0.4217 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(112, 193, 134)` looks like.

```
.text, #text, p{  
    color:rgb(112, 193, 134)  
}
```

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(112, 193, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 193, 134) }
```

Border

The CSS property to change the border of an element to Yxy 43.3059, 0.2927, 0.4217 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(112, 193, 134) }
```

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

```
.border{ border-color:rgb(112, 193, 134) }
```

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

Here you see how a box with a 4 pixel rgb(112, 193, 134) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 193, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 193, 134);  
box-shadow:4px 4px 4px 4px rgb(112, 193,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3059, 0.2927, 0.4217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 193, 134) }
```

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

```
.background{ background-color: rgb(112,  
193, 134) }
```

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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