

Converting Colors

$Yxy(43.8407, 0.2894, 0.4135)$

Have a look what the booklet for
Yxy(43.8407, 0.2894, 0.4135)
contains.

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Color

Yxy(43.9218, 0.2889, 0.4132)

Conversions

Conversions Part 1

Format	Color
Hex	70C28C
RGB	112, 194, 140
RGB Percent	44%, 76%, 55%
CMY	0.5607, 0.2392, 0.4510
CMYK	0.42, 0.00, 0.28, 0.24
HSL	140°, 40%, 60%
HSV	140°, 42%, 76%
XYZ	30.7091, 43.9218, 31.6658
YIQ	163.3260, -31.5380, -34.1780

Conversions

Conversions Part 2

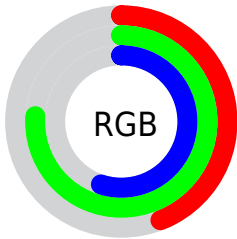
Format	Color
RYB	112, 173, 194
Decimal	7389836
CIELab	72.18, -36.98, 19.52
CIELCh	72, 41.812, 152.169
Yxy	43.9218, 0.2889, 0.4132
Android (android.graphics.Color)	4285579916 (0xFF70C28C)
YUV	163.3260, -11.4997, -45.0129
Hunter-Lab	66.2735, -33.2672, 18.0624

Details

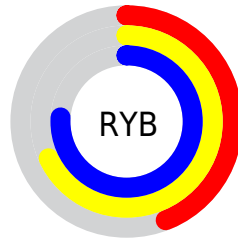
The Yxy color **43.9218, 0.2889, 0.4132** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **25.8179, 0.3494, 0.2582**, and the grayscale version is **36.8577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.1049, 0.2938, 0.3960**, and **20.3939, 0.2802, 0.4406** is the 20% darker color. If you saturate the color by 10%, you get **42.4294, 0.2849, 0.4377**, and if you desaturate by 10%, it is **45.7358, 0.2938, 0.3901**.

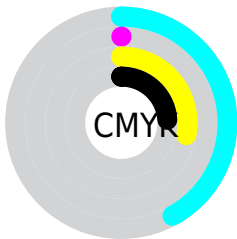
Distribution



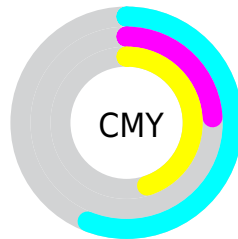
- Red (44%)
- Green (76%)
- Blue (55%)



- Red (44%)
- Yellow (68%)
- Blue (76%)



- Cyan (42%)
- Magenta (0%)
- Yellow (28%)
- Black (24%)





- Cyan (56%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.9218, 0.2889, 0.4132 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 43.9218, 0.2889, 0.4132 by changing the saturation by 10% instead.


 43.9218, 0.2889,
0.4132

 43.9218, 0.2889,
0.4132


362.3891, 0.3020,
0.3685


 30.6090, 0.2852,
0.4252


 81.1001, 0.2940,
0.3963

 20.3013, 0.2802,
0.4412


 105.7343, 0.2958,
0.3902

 12.6143, 0.2729,
0.4634


 134.9113, 0.2973,
0.3850

 7.1635, 0.2619,
0.4962

169.0152, 0.2986,
0.3807

 3.5645, 0.2431,
0.5489

208.4305, 0.2996,
0.3770

 1.4331, 0.1977,
0.7485

253.5417, 0.3005,

 0.2409, 0.0000,

0.3738

1.0000

304.7331, 0.3013,
0.3710

0.0000, 0.0000,
0.0000

43.9218, 0.2889,
0.4132

43.9218, 0.2889,
0.4132

42.4294, 0.2849,
0.4377

45.7358, 0.2938,
0.3901

41.2340, 0.2821,
0.4631

47.8835, 0.2994,
0.3689

40.3157, 0.2809,
0.4884


50.3831, 0.3053,
0.3497


39.6503, 0.2814,
0.5127


53.2499, 0.3114,
0.3326

39.2087, 0.2836,
0.5347

56.4980, 0.3174,
0.3175

 38.9795, 0.2861,
0.5498

 60.1410, 0.3232,
0.3042

 64.1919, 0.3289,
0.2926

 66.2696, 0.3248,
0.2810

 67.0640, 0.3155,
0.2693

Harmonies

Analogous

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



43.9218, 0.3471, 0.4377



43.9218, 0.2889, 0.4132



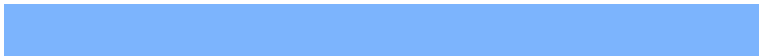
43.9218, 0.2399, 0.3580

Triad

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



43.9218, 0.2889, 0.4132



43.9218, 0.2281, 0.2371



43.9218, 0.4254, 0.3426

Complementary

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



43.9218, 0.2889, 0.4132



25.8179, 0.3494, 0.2582

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.



43.9218, 0.3874, 0.2981



43.9218, 0.2889, 0.4132



43.9218, 0.2705, 0.2400

Square

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



43.9218, 0.2889, 0.4132



43.9218, 0.2079, 0.2562



43.9218, 0.3287, 0.2618



43.9218, 0.4287, 0.3881

Rectangle

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



43.9218, 0.2889, 0.4132



43.9218, 0.2184, 0.3172



43.9218, 0.3287, 0.2618



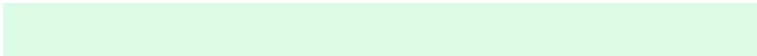
43.9218, 0.4162, 0.3273

Sweetspot

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



43.9236, 0.2889, 0.4132



90.8218, 0.3047, 0.3514



47.9347, 0.3507, 0.4414



19.6565, 0.3034, 0.3556



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.



43.9236, 0.2889, 0.4132



76.9797, 0.2850, 0.4366



45.3395, 0.2637, 0.3490



11.3143, 0.3071, 0.3445



25.6415, 0.2854, 0.5474



1.1209, 0.2723, 0.5001

Inverse Universe

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



25.8179, 0.3494, 0.2582



39.7000, 0.3611, 0.2433



24.5618, 0.4022, 0.3107



10.1872, 0.3189, 0.3139



8.5782, 0.4290, 0.2137



0.3831, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 43.9218, 0.2889, 0.4132 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 43.9218, 0.2889, 0.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

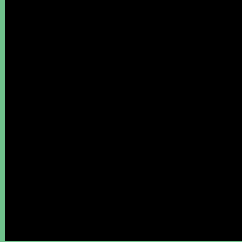
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9218, 0.2889, 0.4132

Background



This preview shows how black text looks on a background with the Yxy color 43.9218, 0.2889, 0.4132.



This preview shows how white text looks on a background with the Yxy color 43.9218, 0.2889, 0.4132.

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

43.9218, 0.2889, 0.4132

Protanopia

43.5354, 0.3622, 0.3877

Deuteranopia

43.2576, 0.3675, 0.3597



Tritanopia

43.7705, 0.2580, 0.3077

Trichromacy



Original Color

43.9218, 0.2889, 0.4132



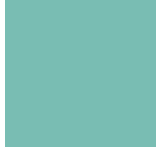
Protanomaly

43.1933, 0.3317, 0.3979



Deuteranomaly

42.4819, 0.3353, 0.3781



Tritanomaly

43.7148, 0.2690, 0.3436

Monochromacy



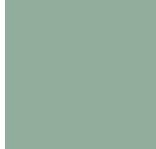
Original Color

43.9218, 0.2889, 0.4132



Achromatopsia

36.6253, 0.3127, 0.3290



Achromatomaly

38.5680, 0.3018, 0.3576

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9218, 0.2889, 0.4132 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, 194, 140)` looks like.

```
.text, #text, p{  
    color:rgb(112, 194, 140)  
}
```

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, 194, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 194, 140) }
```

Border

The CSS property to change the border of an element to Yxy 43.9218, 0.2889, 0.4132 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, 194, 140) }
```

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

```
.border{ border-color:rgb(112, 194, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 194, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 194, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 194, 140);  
box-shadow:4px 4px 4px 4px rgb(112, 194,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9218, 0.2889, 0.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 194, 140) }
```

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

```
.background{ background-color: rgb(112,  
194, 140) }
```

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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