

Converting Colors

$Yxy(43.8867, 0.2897, 0.4085)$

Have a look what the booklet for
Yxy(43.8867, 0.2897, 0.4085)
contains.

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Color

Yxy(43.7378, 0.2895, 0.4082)

Conversions

Conversions Part 1

Format	Color
Hex	73C18E
RGB	115, 193, 142
RGB Percent	45%, 76%, 56%
CMY	0.5491, 0.2431, 0.4432
CMYK	0.40, 0.00, 0.26, 0.24
HSL	141°, 39%, 60%
HSV	141°, 40%, 76%
XYZ	31.0193, 43.7378, 32.3908
YIQ	163.8640, -30.1170, -32.3970

Conversions

Conversions Part 2

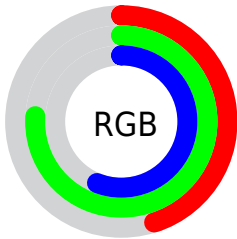
Format	Color
RYB	115, 173, 193
Decimal	7586190
CIELab	72.05, -35.29, 18.30
CIELCh	72, 39.757, 152.587
Yxy	43.7378, 0.2895, 0.4082
Android (android.graphics.Color)	4285776270 (0xFF73C18E)
YUV	163.8640, -10.7790, -42.8537
Hunter-Lab	66.1346, -32.0130, 17.2556

Details

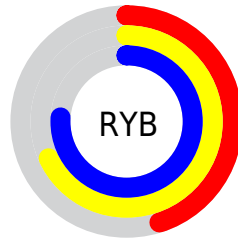
The Yxy color **43.7378, 0.2895, 0.4082** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **26.3487, 0.3477, 0.2617**, and the grayscale version is **37.1172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9028, 0.2944, 0.3922**, and **20.2300, 0.2805, 0.4336** is the 20% darker color. If you saturate the color by 10%, you get **42.2077, 0.2852, 0.4323**, and if you desaturate by 10%, it is **45.5884, 0.2946, 0.3856**.

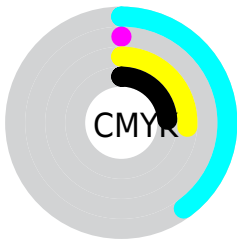
Distribution



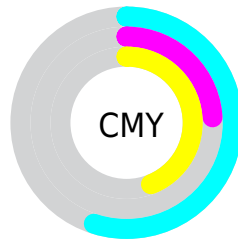
- Red (45%)
- Green (76%)
- Blue (56%)



- Red (45%)
- Yellow (68%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (26%)
- Black (24%)




- Cyan (55%)
- Magenta (24%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7378, 0.2895, 0.4082 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 43.7378, 0.2895, 0.4082 by changing the saturation by 10% instead.


 43.7378, 0.2895,
0.4082

 43.7378, 0.2895,
0.4082


361.6372, 0.3022,
0.3662


 30.4644, 0.2859,
0.4195


 80.8231, 0.2944,
0.3923

 20.1914, 0.2811,
0.4345


 105.4037, 0.2962,
0.3866

 12.5342, 0.2742,
0.4553


 134.5223, 0.2976,
0.3818

 7.1086, 0.2638,
0.4860

168.5631, 0.2988,
0.3777

 3.5301, 0.2460,
0.5355

207.9106, 0.2999,
0.3742

 1.4144, 0.2039,
0.7092

252.9492, 0.3008,

 0.2273, 0.0000,

0.3712

1.0000

304.0633, 0.3015,
0.3685

0.0000, 0.0000,
0.0000

43.7378, 0.2895,
0.4082

43.7378, 0.2895,
0.4082

42.2077, 0.2852,
0.4323

45.5884, 0.2946,
0.3856

40.9740, 0.2822,
0.4574

47.7711, 0.3003,
0.3649

40.0177, 0.2806,
0.4827

50.3035, 0.3063,
0.3463

39.3155, 0.2808,
0.5070


53.2006, 0.3125,
0.3297

38.8396, 0.2827,
0.5295

56.4762, 0.3185,
0.3150

 38.5465, 0.2857,
0.5484

 60.1436, 0.3244,
0.3021

 64.2154, 0.3301,
0.2909

 65.8720, 0.3244,
0.2794

 66.6237, 0.3156,
0.2683

Harmonies

Analogous

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



43.7378, 0.3451, 0.4322



43.7378, 0.2895, 0.4082



43.7378, 0.2428, 0.3559

Triad

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



43.7378, 0.2895, 0.4082



43.7378, 0.2323, 0.2409



43.7378, 0.4202, 0.3430

Complementary

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



43.7378, 0.2895, 0.4082



26.3487, 0.3477, 0.2617

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.



43.7378, 0.3845, 0.3001



43.7378, 0.2895, 0.4082



43.7378, 0.2733, 0.2438

Square

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



43.7378, 0.2895, 0.4082



43.7378, 0.2124, 0.2592



43.7378, 0.3289, 0.2650



43.7378, 0.4232, 0.3865

Rectangle

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



43.7378, 0.2895, 0.4082



43.7378, 0.2222, 0.3173



43.7378, 0.3289, 0.2650



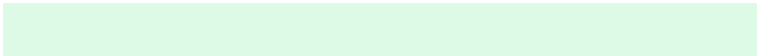
43.7378, 0.4116, 0.3283

Sweetspot

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



43.7396, 0.2895, 0.4082



89.2405, 0.3053, 0.3494



47.5964, 0.3493, 0.4363



19.0126, 0.3045, 0.3518



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.



43.7396, 0.2895, 0.4082



75.7513, 0.2855, 0.4307



45.0826, 0.2654, 0.3480



11.3151, 0.3070, 0.3444



25.6492, 0.2850, 0.5461



1.1213, 0.2719, 0.4988

Inverse Universe

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



26.3487, 0.3477, 0.2617



40.1312, 0.3591, 0.2469



25.1534, 0.3965, 0.3115



10.1864, 0.3189, 0.3141



8.5618, 0.4309, 0.2148



0.3825, 0.4005, 0.1980

Previews

White Background



This preview shows how the Yxy color 43.7378, 0.2895, 0.4082 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 43.7378, 0.2895, 0.4082 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 43.7378, 0.2895, 0.4082

Background



This preview shows how black text looks on a background with the Yxy color 43.7378, 0.2895, 0.4082.

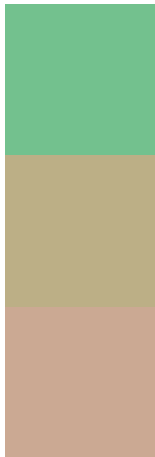


This preview shows how white text looks on a background with the Yxy color 43.7378, 0.2895, 0.4082.

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

43.7378, 0.2895, 0.4082

Protanopia

43.0725, 0.3599, 0.3839

Deuteranopia

43.1790, 0.3647, 0.3572



Tritanopia

43.4572, 0.2597, 0.3077

Trichromacy



Original Color

43.7378, 0.2895, 0.4082



Protanomaly

42.8391, 0.3303, 0.3937



Deuteranomaly

42.5431, 0.3336, 0.3752



Tritanomaly

43.4321, 0.2701, 0.3421

Monochromacy



Original Color

43.7378, 0.2895, 0.4082



Achromatopsia

37.1238, 0.3127, 0.3290



Achromatomaly

39.1712, 0.3027, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7378, 0.2895, 0.4082 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(115, 193, 142)` looks like.

```
.text, #text, p{  
    color:rgb(115, 193, 142)  
}
```

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(115, 193, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 193, 142) }
```

Border

The CSS property to change the border of an element to Yxy 43.7378, 0.2895, 0.4082 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(115, 193, 142) }
```

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

```
.border{ border-color:rgb(115, 193, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 193, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 193, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 193, 142);  
box-shadow:4px 4px 4px 4px rgb(115, 193,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7378, 0.2895, 0.4082 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 193, 142) }
```

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

```
.background{ background-color: rgb(115,  
193, 142) }
```

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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