

Converting Colors

$Yxy(44.1885, 0.2820, 0.3880)$

Have a look what the booklet for
Yxy(44.1885, 0.2820, 0.3880)
contains.

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Color

Yxy(44.1860, 0.2824, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	74C19A
RGB	116, 193, 154
RGB Percent	45%, 76%, 60%
CMY	0.5449, 0.2432, 0.3961
CMYK	0.40, 0.00, 0.20, 0.24
HSL	150°, 38%, 61%
HSV	150°, 40%, 76%
XYZ	32.1105, 44.1860, 37.4091
YIQ	165.5310, -33.3730, -28.4530

Conversions

Conversions Part 2

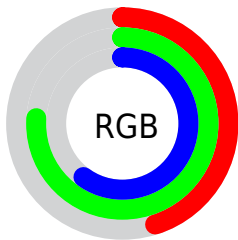
Format	Color
RYB	116, 168, 193
Decimal	7651738
CIELab	72.35, -32.60, 12.25
CIELCh	72, 34.823, 159.396
Yxy	44.1860, 0.2824, 0.3886
Android (android.graphics.Color)	4285841818 (0xFF74C19A)
YUV	165.5310, -5.6848, -43.4387
Hunter-Lab	66.4726, -30.1001, 13.1638

Details

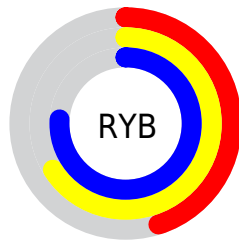
The Yxy color **44.1860, 0.2824, 0.3886** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **26.2082, 0.3609, 0.2769**, and the grayscale version is **37.9417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5832, 0.2886, 0.3776**, and **20.4686, 0.2723, 0.4078** is the 20% darker color. If you saturate the color by 10%, you get **42.6863, 0.2767, 0.4069**, and if you desaturate by 10%, it is **45.9907, 0.2892, 0.3715**.

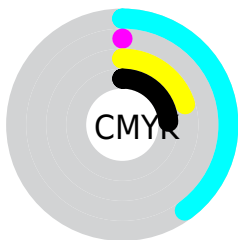
Distribution



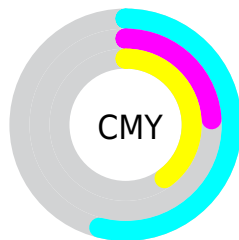
- Red (45%)
- Green (76%)
- Blue (60%)



- Red (45%)
- Yellow (66%)
- Blue (76%)



- Cyan (40%)
- Magenta (0%)
- Yellow (20%)
- Black (24%)





- Cyan (54%)
- Magenta (24%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.1860, 0.2824, 0.3886 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 44.1860, 0.2824, 0.3886 by changing the saturation by 10% instead.


 44.1860, 0.2824,
0.3886

 44.1860, 0.2824,
0.3886

363.4668, 0.2983,
0.3573

 30.8168, 0.2782,
0.3969


 81.4976, 0.2883,
0.3769

 20.4594, 0.2727,
0.4078


 106.2087, 0.2905,
0.3726

 12.7294, 0.2651,
0.4230


 135.4692, 0.2923,
0.3690

 7.2425, 0.2540,
0.4452

169.6635, 0.2939,
0.3660

 3.6142, 0.2364,
0.4806

209.1760, 0.2952,
0.3634

 1.4602, 0.1941,
0.5624

254.3911, 0.2963,

 0.2605, 0.0000,

0.3611

1.0000

305.6933, 0.2974,
0.3591

0.0000, 0.0000,
0.0000

44.1860, 0.2824,
0.3886

44.1860, 0.2824,
0.3886

42.6863, 0.2767,
0.4069

45.9907, 0.2892,
0.3715

41.4683, 0.2724,
0.4262

48.1112, 0.2967,
0.3558

40.5141, 0.2698,
0.4460


50.5644, 0.3046,
0.3416


39.8015, 0.2690,
0.4658


53.3644, 0.3128,
0.3288

39.3040, 0.2703,
0.4850

56.5244, 0.3210,
0.3175


 38.9716, 0.2732,
0.5033

 60.0570, 0.3291,
0.3076

 38.9676, 0.2732,
0.5035

 63.9742, 0.3370,
0.2988

 65.2381, 0.3325,
0.2895

 65.8103, 0.3251,
0.2802

Harmonies

Analogous

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



44.1860, 0.3307, 0.4163



44.1860, 0.2824, 0.3886



44.1860, 0.2442, 0.3412

Triad

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



44.1860, 0.2824, 0.3886



44.1860, 0.2486, 0.2501



44.1860, 0.4098, 0.3513

Complementary

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



44.1860, 0.2824, 0.3886



26.2082, 0.3609, 0.2769

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.



44.1860, 0.3845, 0.3122



44.1860, 0.2824, 0.3886



44.1860, 0.2887, 0.2564

Square

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



44.1860, 0.2824, 0.3886



44.1860, 0.2262, 0.2625



44.1860, 0.3388, 0.2786



44.1860, 0.4061, 0.3885

Rectangle

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



44.1860, 0.2824, 0.3886



44.1860, 0.2288, 0.3087



44.1860, 0.3388, 0.2786



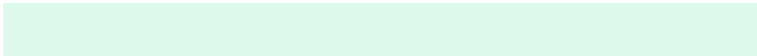
44.1860, 0.4044, 0.3381

Sweetspot

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



44.1878, 0.2824, 0.3886



89.4920, 0.3028, 0.3447



46.4488, 0.3388, 0.4384



19.0717, 0.3017, 0.3466



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.



44.1878, 0.2824, 0.3886



76.7298, 0.2773, 0.4048



45.6476, 0.2591, 0.3307



11.3398, 0.3050, 0.3409



25.9355, 0.2726, 0.5012



1.1345, 0.2610, 0.4597

Inverse Universe

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



26.2082, 0.3609, 0.2769



40.0069, 0.3767, 0.2656



25.1324, 0.4102, 0.3275



10.1612, 0.3211, 0.3174



8.1410, 0.4909, 0.2478



0.3657, 0.4430, 0.2214

Previews

White Background



This preview shows how the Yxy color 44.1860, 0.2824, 0.3886 looks on a white background.

Color Contrast Check

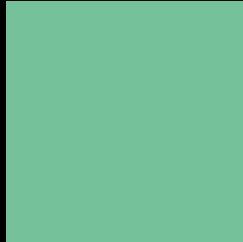
Large Text (above 18pt) WCAG AA × Fail

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 44.1860, 0.2824, 0.3886 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 44.1860, 0.2824, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 44.1860, 0.2824, 0.3886.



This preview shows how white text looks on a background with the Yxy color 44.1860, 0.2824, 0.3886.

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

44.1860, 0.2824, 0.3886

Protanopia

43.6908, 0.3482, 0.3692

Deuteranopia

43.5320, 0.3504, 0.3432



Tritanopia

44.3169, 0.2583, 0.3078

Trichromacy



Original Color

44.1860, 0.2824, 0.3886

Protanomaly

43.2029, 0.3208, 0.3761

Deuteranomaly

42.7101, 0.3219, 0.3583

Tritanomaly

44.1089, 0.2665, 0.3347

Monochromacy



Original Color

44.1860, 0.2824, 0.3886

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

39.9552, 0.2997, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1860, 0.2824, 0.3886 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(116, 193, 154)` looks like.

```
.text, #text, p{  
    color:rgb(116, 193, 154)  
}
```

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(116, 193, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 193, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.1860, 0.2824, 0.3886 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(116, 193, 154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1860, 0.2824, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 193, 154) }
```

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

```
.background{ background-color: rgb(116,  
193, 154) }
```

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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