

Converting Colors

$Yxy(43.6306, 0.2598, 0.3118)$

Have a look what the booklet for
Yxy(43.6306, 0.2598, 0.3118)
contains.

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Color

Yxy(43.6306, 0.2598, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	7EBAC6
RGB	126, 186, 198
RGB Percent	49%, 73%, 78%
CMY	0.5060, 0.2706, 0.2234
CMYK	0.36, 0.06, 0.00, 0.22
HSL	190°, 39%, 64%
HSV	190°, 36%, 78%
XYZ	36.3542, 43.6306, 59.9466
YIQ	169.4280, -39.6120, -8.9880

Conversions

Conversions Part 2

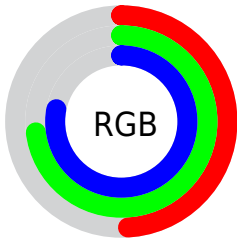
Format	Color
RYB	126, 159, 198
Decimal	8305350
CIELab	71.98, -16.28, -12.23
CIELCh	72, 20.363, 216.908
Yxy	43.6306, 0.2598, 0.3118
Android (android.graphics.Color)	4286495430 (0xFF7EBAC6)
YUV	169.4280, 14.0860, -38.0864
Hunter-Lab	66.0535, -17.3516, -7.5710

Details

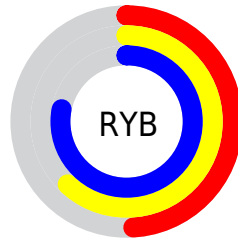
The Yxy color **43.6306, 0.2598, 0.3118** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.6869, 0.3939, 0.3453**, and the grayscale version is **39.8405, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.5480, 0.2690, 0.3147**, and **20.2051, 0.2457, 0.3070** is the 20% darker color. If you saturate the color by 10%, you get **40.8978, 0.2474, 0.3063**, and if you desaturate by 10%, it is **46.6969, 0.2734, 0.3170**.

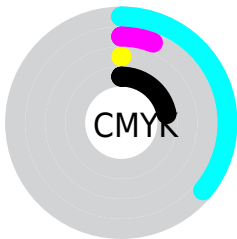
Distribution



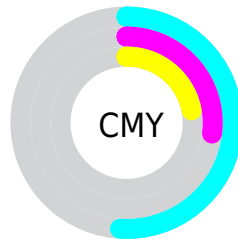
- Red (49%)
- Green (73%)
- Blue (78%)



- Red (49%)
- Yellow (62%)
- Blue (78%)



- Cyan (36%)
- Magenta (6%)
- Yellow (0%)
- Black (22%)




- Cyan (51%)
- Magenta (27%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6306, 0.2598, 0.3118 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 43.6306, 0.2598, 0.3118 by changing the saturation by 10% instead.


 43.6306, 0.2598,
0.3118


 43.6306, 0.2598,
0.3118


361.1987, 0.2861,
0.3210


 30.3802, 0.2533,
0.3093


 80.6616, 0.2693,
0.3153

 20.1274, 0.2451,
0.3061


 105.2110, 0.2729,
0.3165

 12.4877, 0.2342,
0.3016


 134.2955, 0.2759,
0.3176

 7.0767, 0.2192,
0.2950

168.2995, 0.2785,
0.3185

 3.5101, 0.1975,
0.2846

207.6075, 0.2808,
0.3192

 1.4035, 0.1636,
0.2660

252.6037, 0.2828,

 0.2193, 0.0000,

0.3199

0.1663

303.6727, 0.2845,
0.3205

0.0000, 0.0000,
0.0000

43.6306, 0.2598,
0.3118

43.6306, 0.2598,
0.3118

40.8978, 0.2474,
0.3063

46.6969, 0.2734,
0.3170

38.4756, 0.2364,
0.3006

50.1080, 0.2879,
0.3219

36.3457, 0.2272,
0.2947

53.8809, 0.3029,
0.3264

34.4861, 0.2198,
0.2887

58.0299, 0.3183,
0.3304

32.8708, 0.2144,
0.2827

62.5684, 0.3336,
0.3341

■ 31.4665, 0.2107,
0.2768

■ 67.5092, 0.3488,
0.3374

■ 30.9883, 0.2096,
0.2747

■ 71.0015, 0.3562,
0.3405

■ 72.6403, 0.3555,
0.3439

■ 74.3129, 0.3547,
0.3472

Harmonies

Analogous

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



43.6306, 0.2735, 0.3391



43.6306, 0.2598, 0.3118



43.6306, 0.2595, 0.2911

Triad

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



43.6306, 0.2598, 0.3118



43.6306, 0.3261, 0.2969



43.6306, 0.3529, 0.3786

Complementary

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



43.6306, 0.2598, 0.3118



31.6869, 0.3939, 0.3453

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.



43.6306, 0.3686, 0.3643



43.6306, 0.2598, 0.3118



43.6306, 0.3529, 0.3177

Square

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



43.6306, 0.2598, 0.3118



43.6306, 0.2967, 0.2838



43.6306, 0.3687, 0.3420



43.6306, 0.3268, 0.3794

Rectangle

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



43.6306, 0.2598, 0.3118



43.6306, 0.2669, 0.2833



43.6306, 0.3687, 0.3420



43.6306, 0.3596, 0.3751

Sweetspot

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



43.6323, 0.2598, 0.3118



92.1141, 0.2957, 0.3243



46.6673, 0.2999, 0.4192



19.5204, 0.2936, 0.3236



0.0000, 0.0000, 0.0000



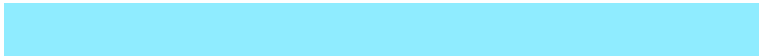
21.4041, 0.3127, 0.3290

Same Dimension

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



43.6323, 0.2598, 0.3118



73.1981, 0.2494, 0.3073



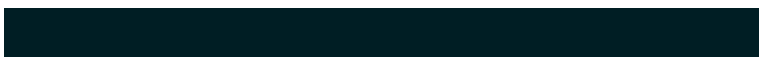
30.3193, 0.2522, 0.2575



11.7548, 0.2984, 0.3251



20.2545, 0.2099, 0.2755



1.0413, 0.2133, 0.2878

Inverse Universe

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



30.4674, 0.3292, 0.2532



46.9178, 0.3340, 0.2366



43.7890, 0.3770, 0.3912



10.7851, 0.3163, 0.3100



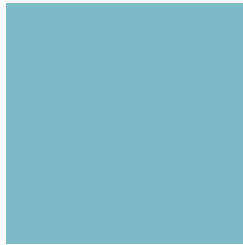
9.5847, 0.3677, 0.1799



0.4621, 0.3564, 0.1737

Previews

White Background



This preview shows how the Yxy color 43.6306, 0.2598, 0.3118 looks on a white background.

Color Contrast Check

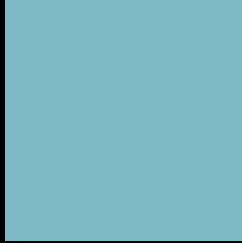
Large Text (above 18pt) WCAG AA × Fail

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 43.6306, 0.2598, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

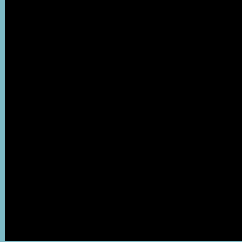
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

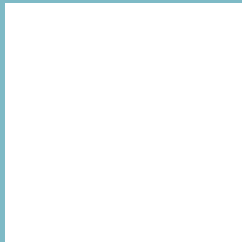
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.6306, 0.2598, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 43.6306, 0.2598, 0.3118.



This preview shows how white text looks on a background with the Yxy color 43.6306, 0.2598, 0.3118.

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

43.6306, 0.2598, 0.3118

Protanopia

43.4202, 0.2991, 0.3078

Deuteranopia

43.1666, 0.2972, 0.2905



Tritanopia

43.8469, 0.2587, 0.3077

Trichromacy



Original Color

43.6306, 0.2598, 0.3118

Protanomaly

43.3033, 0.2833, 0.3085

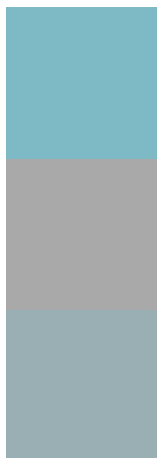
Deuteranomaly

42.7979, 0.2819, 0.2968

Tritanomaly

43.8000, 0.2593, 0.3091

Monochromacy



Original Color

43.6306, 0.2598, 0.3118

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.7275, 0.2901, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6306, 0.2598, 0.3118 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(126, 186, 198)` looks like.

```
.text, #text, p{  
    color:rgb(126, 186, 198)  
}
```

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(126, 186, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 186, 198) }
```

Border

The CSS property to change the border of an element to Yxy 43.6306, 0.2598, 0.3118 is called "border". The border property can be set on classes, ids or directly on the HTML element.

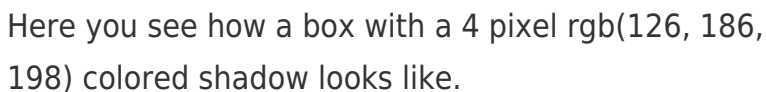
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 186, 198) }
```

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

```
.border{ border-color:rgb(126, 186, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(126, 186, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(126, 186, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(126, 186, 198); box-shadow:4px 4px 4px 4px rgb(126, 186, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6306, 0.2598, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 186, 198) }
```

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

```
.background{ background-color: rgb(126,  
186, 198) }
```

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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