

Converting Colors

$Yxy(47.3974, 0.2805, 0.3235)$

Have a look what the booklet for
Yxy(47.3974, 0.2805, 0.3235)
contains.

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Color

Yxy(47.3974, 0.2805, 0.3235)

Conversions

Conversions Part 1

Format	Color
Hex	98BEC2
RGB	152, 190, 194
RGB Percent	60%, 75%, 76%
CMY	0.4040, 0.2549, 0.2392
CMYK	0.22, 0.02, 0.00, 0.24
HSL	186°, 26%, 68%
HSV	186°, 22%, 76%
XYZ	41.0973, 47.3974, 58.0197
YIQ	179.0940, -23.9320, -6.8120

Conversions

Conversions Part 2

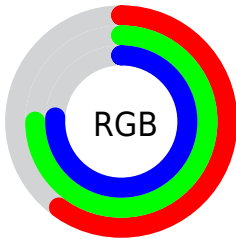
Format	Color
RYB	152, 172, 194
Decimal	10010306
CIELab	74.44, -11.75, -6.21
CIELCh	74, 13.291, 207.844
Yxy	47.3974, 0.2805, 0.3235
Android (android.graphics.Color)	4288200386 (0xFF98BEC2)
YUV	179.0940, 7.3487, -23.7614
Hunter-Lab	68.8458, -13.9250, -1.7745

Details

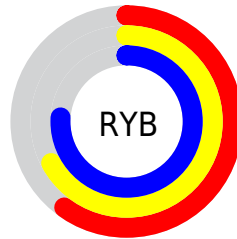
The Yxy color **47.3974, 0.2805, 0.3235** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.5041, 0.3549, 0.3344**, and the grayscale version is **45.1010, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.0791, 0.2865, 0.3247**, and **22.4941, 0.2721, 0.3233** is the 20% darker color. If you saturate the color by 10%, you get **44.8851, 0.2669, 0.3207**, and if you desaturate by 10%, it is **50.2298, 0.2950, 0.3262**.

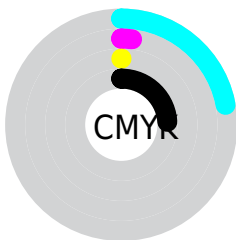
Distribution



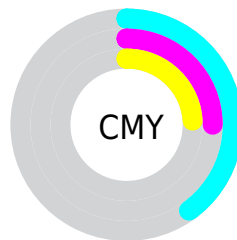
- Red (60%)
- Green (75%)
- Blue (76%)



- Red (60%)
- Yellow (67%)
- Blue (76%)



- Cyan (22%)
- Magenta (2%)
- Yellow (0%)
- Black (24%)




- Cyan (40%)
- Magenta (25%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.3974, 0.2805, 0.3235 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 47.3974, 0.2805, 0.3235 by changing the saturation by 10% instead.

 47.3974, 0.2805,
0.3235


 47.3974, 0.2805,
0.3235

376.3986, 0.2964,
0.3264

 33.3499, 0.2766,
0.3227


 86.3065, 0.2862,
0.3246

 22.3946, 0.2716,
0.3217


 111.9369, 0.2884,
0.3250

 14.1472, 0.2650,
0.3202


142.1971, 0.2902,
0.3254

 8.2231, 0.2559,
0.3181

177.4715, 0.2918,
0.3256

 4.2380, 0.2426,
0.3147

218.1444, 0.2932,
0.3259

 1.8076, 0.2214,
0.3086

264.6003, 0.2944,

 0.4919, 0.1100,

0.3261

0.2995

317.2236, 0.2955,
0.3263

0.0000, 0.0000,
0.0000

47.3974, 0.2805,
0.3235

47.3974, 0.2805,
0.3235

44.8851, 0.2669,
0.3207

50.2298, 0.2950,
0.3262

42.6721, 0.2546,
0.3176

53.3905, 0.3102,
0.3286

40.7444, 0.2437,
0.3145

56.8943, 0.3257,
0.3308

39.0841, 0.2345,
0.3113

60.7536, 0.3413,
0.3329

37.6716, 0.2272,
0.3080

64.9801, 0.3567,
0.3346

■ 36.4842, 0.2219,
0.3047

■ 66.9575, 0.3612,
0.3365

■ 35.4949, 0.2183,
0.3015

■ 67.8221, 0.3607,
0.3383

■ 34.7788, 0.2164,
0.2988

■ 68.6970, 0.3603,
0.3402

■ 69.5822, 0.3599,
0.3421

Harmonies

Analogous

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



47.3974, 0.2919, 0.3407



47.3974, 0.2805, 0.3235



47.3974, 0.2775, 0.3085

Triad

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



47.3974, 0.2805, 0.3235



47.3974, 0.3157, 0.3050



47.3974, 0.3423, 0.3587

Complementary

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



47.3974, 0.2805, 0.3235



37.5041, 0.3549, 0.3344

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.



47.3974, 0.3492, 0.3481



47.3974, 0.2805, 0.3235



47.3974, 0.3336, 0.3174

Square

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



47.3974, 0.2805, 0.3235



47.3974, 0.2974, 0.2985



47.3974, 0.3460, 0.3330



47.3974, 0.3274, 0.3615

Rectangle

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



47.3974, 0.2805, 0.3235



47.3974, 0.2806, 0.3017



47.3974, 0.3460, 0.3330



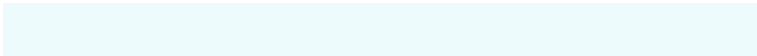
47.3974, 0.3456, 0.3559

Sweetspot

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



47.3993, 0.2805, 0.3235



94.1151, 0.3034, 0.3276



47.6396, 0.3074, 0.3834



20.5264, 0.3024, 0.3274



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.



47.3993, 0.2805, 0.3235



83.6413, 0.2739, 0.3222



39.1276, 0.2785, 0.2948



11.2596, 0.2984, 0.3267



22.9319, 0.2165, 0.2993



1.0393, 0.2185, 0.3064

Inverse Universe

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



37.6387, 0.3188, 0.2806



62.9080, 0.3204, 0.2698



44.9798, 0.3494, 0.3610



10.2305, 0.3152, 0.3084



9.5972, 0.3461, 0.1680



0.4196, 0.3398, 0.1646

Previews

White Background



This preview shows how the Yxy color 47.3974, 0.2805, 0.3235 looks on a white background.

Color Contrast Check

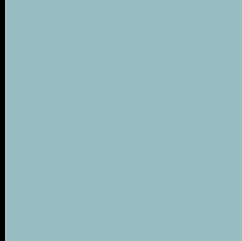
Large Text (above 18pt) WCAG AA × Fail

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 47.3974, 0.2805, 0.3235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

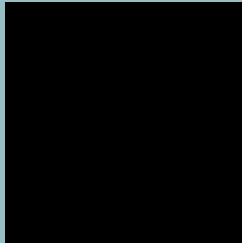
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

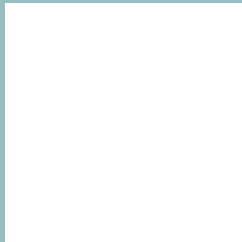
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.3974, 0.2805, 0.3235

Background



This preview shows how black text looks on a background with the Yxy color 47.3974, 0.2805, 0.3235.



This preview shows how white text looks on a background with the Yxy color 47.3974, 0.2805, 0.3235.

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

47.3974, 0.2805, 0.3235

Protanopia

47.3204, 0.3089, 0.3200

Deuteranopia

46.9448, 0.3113, 0.3042



Tritanopia

47.6249, 0.2752, 0.3090

Trichromacy



Original Color

47.3974, 0.2805, 0.3235

Protanomaly

47.2302, 0.2975, 0.3211

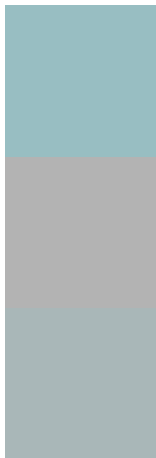
Deuteranomaly

47.0251, 0.2994, 0.3110

Tritanomaly

47.3376, 0.2771, 0.3142

Monochromacy



Original Color

47.3974, 0.2805, 0.3235

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.7627, 0.3003, 0.3276

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.3974, 0.2805, 0.3235 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(152, 190, 194)` looks like.

```
.text, #text, p{  
    color:rgb(152, 190, 194)  
}
```

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(152, 190, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 190, 194) }
```

Border

The CSS property to change the border of an element to Yxy 47.3974, 0.2805, 0.3235 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(152, 190, 194) }
```

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

```
.border{ border-color:rgb(152, 190, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 190, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 190, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 190, 194);  
box-shadow:4px 4px 4px 4px rgb(152, 190,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 47.3974, 0.2805, 0.3235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 190, 194) }
```

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

```
.background{ background-color: rgb(152,  
190, 194) }
```

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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