

Converting Colors

$Yxy(47.4831, 0.2825, 0.3156)$

Have a look what the booklet for
Yxy(47.4831, 0.2825, 0.3156)
contains.

Yxy(47.4146, 0.2827, 0.3156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.4146, 0.2827, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	9FBCC6
RGB	159, 188, 198
RGB Percent	62%, 74%, 78%
CMY	0.3766, 0.2627, 0.2235
CMYK	0.20, 0.05, 0.00, 0.22
HSL	195°, 26%, 70%
HSV	195°, 20%, 78%
XYZ	42.4718, 47.4146, 60.3500
YIQ	180.4690, -20.4940, -3.0380

Conversions

Conversions Part 2

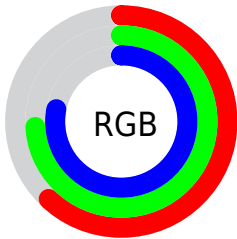
Format	Color
R _Y B	159, 176, 198
Decimal	10468550
CIE Lab	74.45, -7.63, -8.33
CIE LCh	74, 11.297, 227.516
Yxy	47.4146, 0.2827, 0.3156
Android (android.graphics.Color)	4288658630 (0xFF9FBCC6)
YUV	180.4690, 8.6428, -18.8283
Hunter-Lab	68.8583, -10.4030, -3.7632

Details

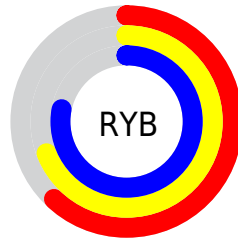
The Yxy color **47.4146, 0.2827, 0.3156** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **42.8806, 0.3488, 0.3420**, and the grayscale version is **45.8669, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2175, 0.2878, 0.3176**, and **22.4674, 0.2748, 0.3124** is the 20% darker color. If you saturate the color by 10%, you get **43.4209, 0.2679, 0.3079**, and if you desaturate by 10%, it is **51.8128, 0.2979, 0.3227**.

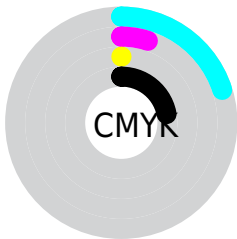
Distribution



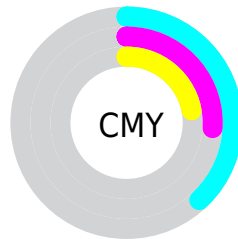
- Red (62%)
- Green (74%)
- Blue (78%)



- Red (62%)
- Yellow (69%)
- Blue (78%)



- Cyan (20%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (38%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.4146, 0.2827, 0.3156 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 47.4146, 0.2827, 0.3156 by changing the saturation by 10% instead.

■ 47.4146, 0.2827,
0.3156

■ 47.4146, 0.2827,
0.3156

376.4670, 0.2975,
0.3224

■ 33.3635, 0.2791,
0.3139

■ 86.3322, 0.2880,
0.3181

■ 22.4051, 0.2744,
0.3116

■ 111.9674, 0.2901,
0.3190

■ 14.1548, 0.2683,
0.3086

142.2329, 0.2918,
0.3198

■ 8.2284, 0.2598,
0.3043

177.5130, 0.2933,
0.3205

■ 4.2415, 0.2475,
0.2977

218.1920, 0.2945,
0.3211

■ 1.8095, 0.2277,
0.2867

264.6545, 0.2957,

■ 0.4931, 0.1484,

0.3216

0.2591

317.2847, 0.2966,
0.3220

0.0000, 0.0000,
0.0000

47.4146, 0.2827,
0.3156

47.4146, 0.2827,
0.3156

43.4209, 0.2679,
0.3079

51.8128, 0.2979,
0.3227

39.8096, 0.2539,
0.2996

56.6248, 0.3131,
0.3292

36.5653, 0.2410,
0.2907

61.8667, 0.3283,
0.3350

33.6689, 0.2294,
0.2815

67.5522, 0.3432,
0.3402

31.0993, 0.2195,
0.2721

73.1239, 0.3553,
0.3449

■ 28.8327, 0.2115,
0.2625

■ 75.7241, 0.3542,
0.3500

■ 26.8408, 0.2054,
0.2530

■ 78.4051, 0.3531,
0.3550

■ 25.0725, 0.2010,
0.2435

■ 81.1674, 0.3520,
0.3600

■ 25.0242, 0.2009,
0.2433

■ 84.0119, 0.3509,
0.3650

Harmonies

Analogous

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



47.4146, 0.2879, 0.3294



47.4146, 0.2827, 0.3156



47.4146, 0.2853, 0.3059

Triad

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



47.4146, 0.2827, 0.3156



47.4146, 0.3256, 0.3150



47.4146, 0.3302, 0.3566

Complementary

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



47.4146, 0.2827, 0.3156



42.8806, 0.3488, 0.3420

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.



47.4146, 0.3407, 0.3518



47.4146, 0.2827, 0.3156



47.4146, 0.3381, 0.3278

Square

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



47.4146, 0.2827, 0.3156



47.4146, 0.3098, 0.3059



47.4146, 0.3437, 0.3412



47.4146, 0.3151, 0.3537

Rectangle

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



47.4146, 0.2827, 0.3156



47.4146, 0.2911, 0.3028



47.4146, 0.3437, 0.3412



47.4146, 0.3344, 0.3558

Sweetspot

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



47.4165, 0.2827, 0.3156



94.7356, 0.3034, 0.3251



50.6196, 0.3033, 0.3689



20.1583, 0.3024, 0.3247



0.0000, 0.0000, 0.0000



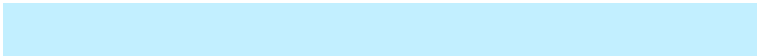
21.4041, 0.3127, 0.3290

Same Dimension

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



47.4165, 0.2827, 0.3156



80.5777, 0.2758, 0.3121



39.7239, 0.2811, 0.2891



11.5894, 0.2984, 0.3229



16.4141, 0.2013, 0.2445



0.8888, 0.2067, 0.2642

Inverse Universe

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



40.4269, 0.3239, 0.2925



66.0050, 0.3270, 0.2836



50.5871, 0.3443, 0.3660



10.7684, 0.3176, 0.3120



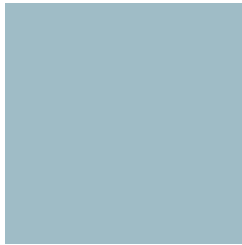
9.1970, 0.3977, 0.1965



0.4467, 0.3784, 0.1858

Previews

White Background



This preview shows how the Yxy color 47.4146, 0.2827, 0.3156 looks on a white background.

Color Contrast Check

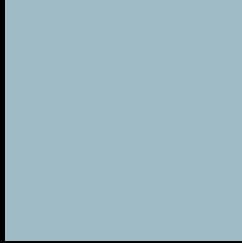
Large Text (above 18pt) WCAG AA × Fail

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 47.4146, 0.2827, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

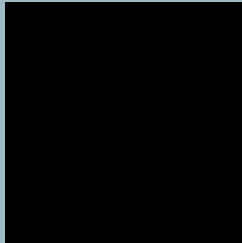
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4146, 0.2827, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 47.4146, 0.2827, 0.3156.

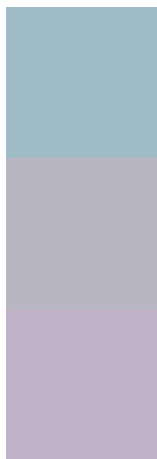


This preview shows how white text looks on a background with the Yxy color 47.4146, 0.2827, 0.3156.

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

47.4146, 0.2827, 0.3156

Protanopia

47.4182, 0.3042, 0.3137

Deuteranopia

47.3484, 0.3080, 0.3017



Tritanopia

47.2785, 0.2807, 0.3091

Trichromacy



Original Color

47.4146, 0.2827, 0.3156

Protanomaly

47.2198, 0.2962, 0.3147

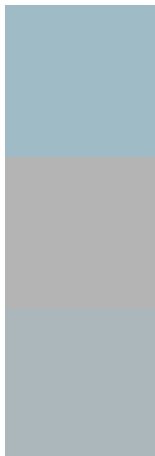
Deuteranomaly

47.4032, 0.2988, 0.3073

Tritanomaly

47.2313, 0.2813, 0.3104

Monochromacy



Original Color

47.4146, 0.2827, 0.3156

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

46.2255, 0.3005, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4146, 0.2827, 0.3156 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(159, 188, 198)` looks like.

```
.text, #text, p{  
    color:rgb(159, 188, 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(159, 188, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 188, 198) }
```

Border

The CSS property to change the border of an element to Yxy 47.4146, 0.2827, 0.3156 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(159, 188, 198) }
```

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

```
.border{ border-color:rgb(159, 188, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 188, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 188, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 188, 198);  
box-shadow:4px 4px 4px 4px rgb(159, 188,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4146, 0.2827, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 188, 198) }
```

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

```
.background{ background-color: rgb(159,  
188, 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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