

Converting Colors

Yxy(47.8543, 0.2849, 0.3196)

Have a look what the booklet for
Yxy(47.8543, 0.2849, 0.3196)
contains.

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Color

Yxy(47.8543, 0.2849, 0.3196)

Conversions

Conversions Part 1

Format	Color
Hex	A0BDC4
RGB	160, 189, 196
RGB Percent	63%, 74%, 77%
CMY	0.3726, 0.2588, 0.2313
CMYK	0.18, 0.04, 0.00, 0.23
HSL	192°, 23%, 70%
HSV	192°, 18%, 77%
XYZ	42.6586, 47.8543, 59.2189
YIQ	181.1270, -19.5310, -3.9710

Conversions

Conversions Part 2

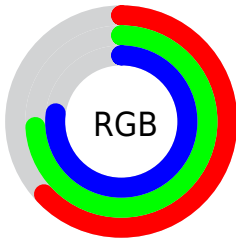
Format	Color
RYB	160, 176, 196
Decimal	10534340
CIELab	74.73, -8.27, -6.82
CIELCh	75, 10.719, 219.496
Yxy	47.8543, 0.2849, 0.3196
Android (android.graphics.Color)	4288724420 (0xFFA0BDC4)
YUV	181.1270, 7.3324, -18.5284
Hunter-Lab	69.1768, -10.9855, -2.3316

Details

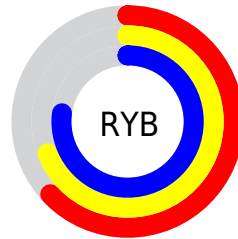
The Yxy color **47.8543, 0.2849, 0.3196** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.9136, 0.3464, 0.3382**, and the grayscale version is **46.2490, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8437, 0.2895, 0.3207**, and **22.7495, 0.2777, 0.3179** is the 20% darker color. If you saturate the color by 10%, you get **44.3737, 0.2704, 0.3138**, and if you desaturate by 10%, it is **51.7005, 0.2999, 0.3249**.

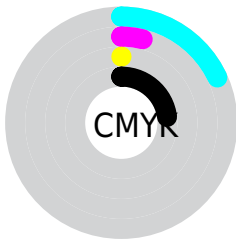
Distribution



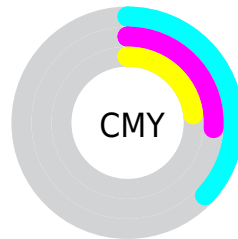
- Red (63%)
- Green (74%)
- Blue (77%)



- Red (63%)
- Yellow (69%)
- Blue (77%)



- Cyan (18%)
- Magenta (4%)
- Yellow (0%)
- Black (23%)




- Cyan (37%)
- Magenta (26%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.8543, 0.2849, 0.3196 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 47.8543, 0.2849, 0.3196 by changing the saturation by 10% instead.


 47.8543, 0.2849,
0.3196


 47.8543, 0.2849,
0.3196


378.2143, 0.2986,
0.3244

 33.7115, 0.2815,
0.3184


 86.9874, 0.2899,
0.3214

 22.6721, 0.2772,
0.3168


 112.7466, 0.2917,
0.3220

 14.3516, 0.2715,
0.3146


143.1466, 0.2933,
0.3226

 8.3656, 0.2637,
0.3115

178.5720, 0.2947,
0.3231

 4.3298, 0.2523,
0.3067

219.4070, 0.2959,
0.3235

 1.8597, 0.2339,
0.2986

266.0362, 0.2969,

 0.5240, 0.1584,

0.3238

0.2803

318.8438, 0.2978,
0.3241

0.0000, 0.0000,
0.0000

47.8543, 0.2849,
0.3196

47.8543, 0.2849,
0.3196

44.3737, 0.2704,
0.3138

51.7005, 0.2999,
0.3249

41.2376, 0.2568,
0.3077

55.9205, 0.3152,
0.3298

38.4314, 0.2444,
0.3011

60.5298, 0.3305,
0.3341

35.9374, 0.2334,
0.2943

65.5411, 0.3456,
0.3380

33.7357, 0.2241,
0.2873

70.3927, 0.3580,
0.3415

■ 31.8039, 0.2167,
0.2803

■ 72.2756, 0.3571,
0.3454

■ 30.1158, 0.2113,
0.2732

■ 74.2034, 0.3562,
0.3493

■ 28.6301, 0.2075,
0.2663

■ 76.1766, 0.3554,
0.3531

■ 28.3977, 0.2070,
0.2651

■ 78.1955, 0.3545,
0.3569

Harmonies

Analogous

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



47.8543, 0.2917, 0.3332



47.8543, 0.2849, 0.3196



47.8543, 0.2854, 0.3091

Triad

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



47.8543, 0.2849, 0.3196



47.8543, 0.3210, 0.3130



47.8543, 0.3325, 0.3546

Complementary

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



47.8543, 0.2849, 0.3196



41.9136, 0.3464, 0.3382

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.



47.8543, 0.3408, 0.3484



47.8543, 0.2849, 0.3196



47.8543, 0.3341, 0.3245

Square

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



47.8543, 0.2849, 0.3196



47.8543, 0.3060, 0.3056



47.8543, 0.3414, 0.3373



47.8543, 0.3190, 0.3538

Rectangle

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



47.8543, 0.2849, 0.3196



47.8543, 0.2897, 0.3051



47.8543, 0.3414, 0.3373



47.8543, 0.3360, 0.3532

Sweetspot

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



47.8563, 0.2849, 0.3196



95.3283, 0.3034, 0.3261



49.7333, 0.3057, 0.3692



20.2986, 0.3024, 0.3257



0.0000, 0.0000, 0.0000



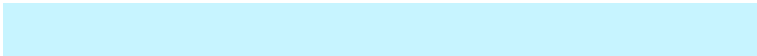
21.4041, 0.3127, 0.3290

Same Dimension

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



47.8563, 0.2849, 0.3196



84.1013, 0.2791, 0.3174



40.7367, 0.2836, 0.2955



11.0846, 0.2984, 0.3244



18.3657, 0.2073, 0.2661



0.8809, 0.2116, 0.2816

Inverse Universe

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



40.5518, 0.3210, 0.2924



68.5977, 0.3231, 0.2842



48.8087, 0.3425, 0.3604



10.2128, 0.3167, 0.3106



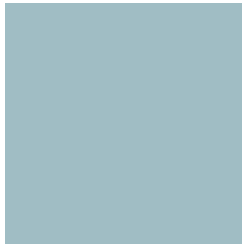
9.1363, 0.3765, 0.1848



0.4036, 0.3620, 0.1768

Previews

White Background



This preview shows how the Yxy color 47.8543, 0.2849, 0.3196 looks on a white background.

Color Contrast Check

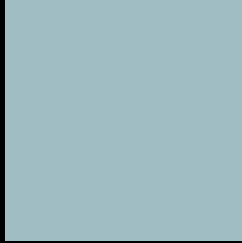
Large Text (above 18pt) WCAG AA × Fail

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 47.8543, 0.2849, 0.3196 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

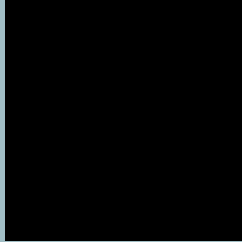
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

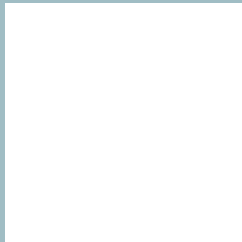
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.8543, 0.2849, 0.3196

Background



This preview shows how black text looks on a background with the Yxy color 47.8543, 0.2849, 0.3196.



This preview shows how white text looks on a background with the Yxy color 47.8543, 0.2849, 0.3196.

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

47.8543, 0.2849, 0.3196

Protanopia

47.4520, 0.3066, 0.3162

Deuteranopia

47.5201, 0.3113, 0.3043



Tritanopia

47.8553, 0.2808, 0.3092

Trichromacy



Original Color

47.8543, 0.2849, 0.3196

Protanomaly

47.6621, 0.2985, 0.3186

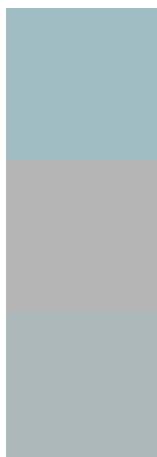
Deuteranomaly

47.4322, 0.3011, 0.3099

Tritanomaly

47.7136, 0.2828, 0.3131

Monochromacy



Original Color

47.8543, 0.2849, 0.3196

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.7104, 0.3021, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.8543, 0.2849, 0.3196 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(160, 189, 196)` looks like.

```
.text, #text, p{  
    color:rgb(160, 189, 196)  
}
```

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(160, 189, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 189, 196) }
```

Border

The CSS property to change the border of an element to Yxy 47.8543, 0.2849, 0.3196 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(160, 189, 196) }
```

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

```
.border{ border-color:rgb(160, 189, 196) }
```

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

Here you see how a box with a 4 pixel rgb(160, 189, 196) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 189, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 189, 196);  
box-shadow:4px 4px 4px 4px rgb(160, 189,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 47.8543, 0.2849, 0.3196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 189, 196) }
```

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

```
.background{ background-color: rgb(160,  
189, 196) }
```

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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