

Converting Colors

$Yxy(48.9141, 0.2981, 0.3275)$

Have a look what the booklet for
Yxy(48.9141, 0.2981, 0.3275)
contains.

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Color

Yxy(48.8836, 0.2983, 0.3277)

Conversions

Conversions Part 1

Format	Color
Hex	ACBDBE
RGB	172, 189, 190
RGB Percent	67%, 74%, 75%
CMY	0.3256, 0.2588, 0.2550
CMYK	0.09, 0.01, 0.00, 0.26
HSL	183°, 12%, 71%
HSV	183°, 9%, 74%
XYZ	44.4979, 48.8836, 55.7903
YIQ	184.0310, -10.4530, -3.2930

Conversions

Conversions Part 2

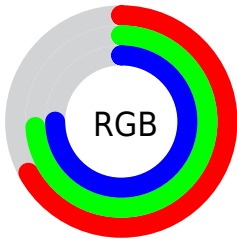
Format	Color
R _{YB}	172, 181, 190
Decimal	11320766
CIE Lab	75.38, -5.63, -2.49
CIE LCh	75, 6.157, 203.859
Yxy	48.8836, 0.2983, 0.3277
Android (android.graphics.Color)	4289510846 (0xFFACBDBE)
YUV	184.0310, 2.9427, -10.5512
Hunter-Lab	69.9168, -8.7496, 1.6312

Details

The Yxy color $48.8836, 0.2983, 0.3277$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.7823, 0.3289, 0.3303$, and the grayscale version is $47.9364, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.2895, 0.3007, 0.3279$, and $23.4075, 0.2944, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $46.4536, 0.2838, 0.3262$, and if you desaturate by 10%, it is $51.6280, 0.3135, 0.3291$.

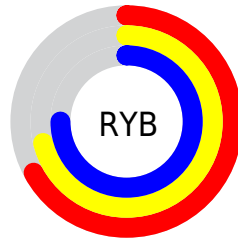
Distribution



Red (67%)

Green (74%)

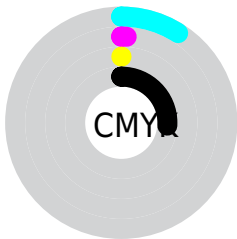
Blue (75%)



Red (67%)

Yellow (71%)

Blue (75%)

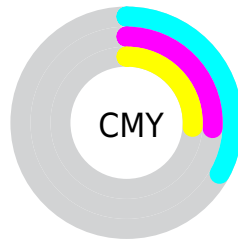


Cyan (9%)

Magenta (1%)

Yellow (0%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8836, 0.2983, 0.3277 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 48.8836, 0.2983, 0.3277 by changing the saturation by 10% instead.

■ 48.8836, 0.2983,
0.3277

■ 48.8836, 0.2983,
0.3277

382.2839, 0.3054,
0.3284

■ 34.5272, 0.2965,
0.3275

■ 88.5185, 0.3009,
0.3280

■ 23.2989, 0.2943,
0.3273

114.5658, 0.3018,
0.3281

■ 14.8143, 0.2913,
0.3269

145.2789, 0.3027,
0.3281

■ 8.6892, 0.2872,
0.3265

181.0420, 0.3034,
0.3282

■ 4.5390, 0.2812,
0.3257

222.2397, 0.3040,
0.3283

■ 1.9794, 0.2714,
0.3244

269.2563, 0.3045,

■ 0.5955, 0.2321,

0.3283

322.4763, 0.3050,
0.3284

0.3225

0.0000, 0.0000,
0.0000

48.8836, 0.2983,
0.3277

48.8836, 0.2983,
0.3277

46.4536, 0.2838,
0.3262

51.6280, 0.3135,
0.3291

44.3189, 0.2702,
0.3246

54.6928, 0.3292,
0.3303

42.4676, 0.2579,
0.3230

58.0917, 0.3449,
0.3314

40.8847, 0.2471,
0.3212

61.8357, 0.3606,
0.3324

39.5538, 0.2381,
0.3195

63.5959, 0.3662,
0.3334

■ 38.4566, 0.2309,
0.3177

■ 64.0486, 0.3659,
0.3345

■ 37.5723, 0.2256,
0.3159

■ 64.5044, 0.3657,
0.3355

■ 36.8766, 0.2222,
0.3141

■ 64.9633, 0.3654,
0.3366

■ 36.3241, 0.2202,
0.3124

■ 65.4253, 0.3651,
0.3376

Harmonies

Analogous

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



48.8836, 0.3041, 0.3353



48.8836, 0.2983, 0.3277



48.8836, 0.2963, 0.3206

Triad

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



48.8836, 0.2983, 0.3277



48.8836, 0.3130, 0.3172



48.8836, 0.3269, 0.3422

Complementary

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



48.8836, 0.2983, 0.3277



43.7823, 0.3289, 0.3303

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.



48.8836, 0.3294, 0.3372



48.8836, 0.2983, 0.3277



48.8836, 0.3213, 0.3228

Square

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



48.8836, 0.2983, 0.3277



48.8836, 0.3047, 0.3146



48.8836, 0.3274, 0.3301



48.8836, 0.3206, 0.3438

Rectangle

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



48.8836, 0.2983, 0.3277



48.8836, 0.2974, 0.3170



48.8836, 0.3274, 0.3301



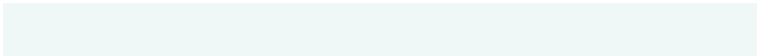
48.8836, 0.3282, 0.3409

Sweetspot

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



48.8857, 0.2983, 0.3277



91.7435, 0.3080, 0.3286



48.5957, 0.3109, 0.3518



20.0562, 0.3068, 0.3285



97.7402, 0.3127, 0.3290



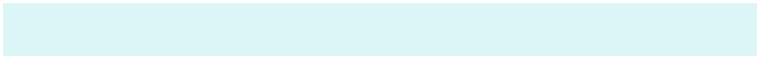
20.4902, 0.3127, 0.3290

Same Dimension

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



48.8857, 0.2983, 0.3277



87.8249, 0.2958, 0.3275



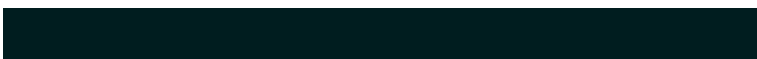
45.1561, 0.2982, 0.3159



10.7200, 0.2985, 0.3277



24.1793, 0.2201, 0.3125



0.9740, 0.2213, 0.3167

Inverse Universe

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



44.1129, 0.3146, 0.3073



77.7462, 0.3149, 0.3033



47.3255, 0.3277, 0.3418



9.6873, 0.3146, 0.3076



9.4706, 0.3346, 0.1617



0.3737, 0.3310, 0.1597

Previews

White Background



This preview shows how the Yxy color 48.8836, 0.2983, 0.3277 looks on a white background.

Color Contrast Check

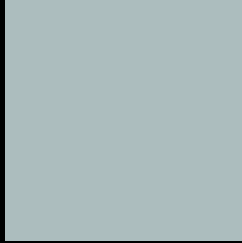
Large Text (above 18pt) WCAG AA × Fail

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 48.8836, 0.2983, 0.3277 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

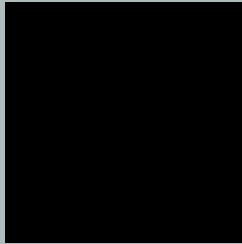
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

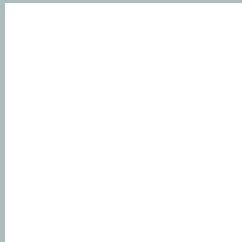
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8836, 0.2983, 0.3277

Background



This preview shows how black text looks on a background with the Yxy color 48.8836, 0.2983, 0.3277.

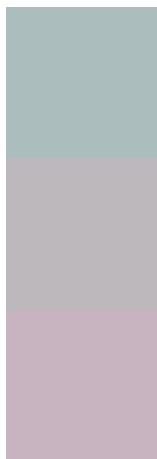


This preview shows how white text looks on a background with the Yxy color 48.8836, 0.2983, 0.3277.

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

48.8836, 0.2983, 0.3277

Protanopia

48.5602, 0.3137, 0.3252

Deuteranopia

48.7276, 0.3203, 0.3143



Tritanopia

48.8036, 0.2912, 0.3097

Trichromacy



Original Color

48.8836, 0.2983, 0.3277

Protanomaly

48.6937, 0.3079, 0.3264

Deuteranomaly

48.5757, 0.3123, 0.3189

Tritanomaly

48.9279, 0.2933, 0.3160

Monochromacy



Original Color

48.8836, 0.2983, 0.3277

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.3663, 0.3078, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8836, 0.2983, 0.3277 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(172, 189, 190)` looks like.

```
.text, #text, p{  
    color:rgb(172, 189, 190)  
}
```

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(172, 189, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 189, 190) }
```

Border

The CSS property to change the border of an element to Yxy 48.8836, 0.2983, 0.3277 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(172, 189, 190) }
```

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

```
.border{ border-color:rgb(172, 189, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 189, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 189, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 189, 190);  
box-shadow:4px 4px 4px 4px rgb(172, 189,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8836, 0.2983, 0.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 189, 190) }
```

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

```
.background{ background-color: rgb(172,  
189, 190) }
```

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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