

Converting Colors

$Yxy(48.2638, 0.2929, 0.3263)$

Have a look what the booklet for
Yxy(48.2638, 0.2929, 0.3263)
contains.

Yxy(48.2638, 0.2929, 0.3263)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2638, 0.2929, 0.3263)

Conversions

Conversions Part 1

Format	Color
Hex	A6BDBF
RGB	166, 189, 191
RGB Percent	65%, 74%, 75%
CMY	0.3491, 0.2588, 0.2510
CMYK	0.13, 0.01, 0.00, 0.25
HSL	185°, 16%, 70%
HSV	185°, 13%, 75%
XYZ	43.3235, 48.2638, 56.3250
YIQ	182.3510, -14.3500, -4.2540

Conversions

Conversions Part 2

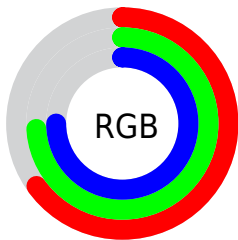
Format	Color
RYB	166, 178, 191
Decimal	10927551
CIELab	74.99, -7.41, -3.67
CIELCh	75, 8.265, 206.356
Yxy	48.2638, 0.2929, 0.3263
Android (android.graphics.Color)	4289117631 (0xFFA6BDBF)
YUV	182.3510, 4.2640, -14.3398
Hunter-Lab	69.4722, -10.2619, 0.5607

Details

The Yxy color **48.2638, 0.2929, 0.3263** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.8231, 0.3360, 0.3317**, and the grayscale version is **46.9614, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3924, 0.2965, 0.3269**, and **23.0207, 0.2873, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **45.7015, 0.2786, 0.3240**, and if you desaturate by 10%, it is **51.1435, 0.3079, 0.3284**.

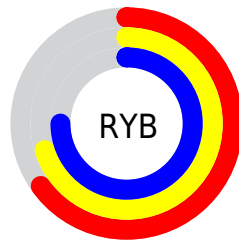
Distribution



Red (65%)

Green (74%)

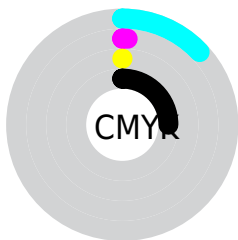
Blue (75%)



Red (65%)

Yellow (70%)

Blue (75%)

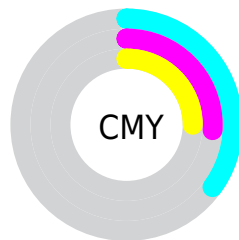


Cyan (13%)

Magenta (1%)

Yellow (0%)

Black (25%)



Cyan (35%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2638, 0.2929, 0.3263 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 48.2638, 0.2929, 0.3263 by changing the saturation by 10% instead.

■ 48.2638, 0.2929,
0.3263

■ 48.2638, 0.2929,
0.3263

379.8368, 0.3027,
0.3277

■ 34.0358, 0.2905,
0.3259

■ 87.5970, 0.2964,
0.3268

■ 22.9211, 0.2874,
0.3254

■ 113.4711, 0.2978,
0.3270

■ 14.5353, 0.2833,
0.3248

143.9960, 0.2989,
0.3272

■ 8.4939, 0.2777,
0.3238

179.5562, 0.2999,
0.3273

■ 4.4126, 0.2694,
0.3222

220.5359, 0.3007,
0.3274

■ 1.9069, 0.2559,
0.3195

267.3197, 0.3015,

■ 0.5525, 0.1962,

0.3276

0.3148

320.2918, 0.3021,
0.3276

0.0000, 0.0000,
0.0000

48.2638, 0.2929,
0.3263

48.2638, 0.2929,
0.3263

45.7015, 0.2786,
0.3240

51.1435, 0.3079,
0.3284

43.4371, 0.2653,
0.3216

54.3474, 0.3234,
0.3303

41.4582, 0.2533,
0.3191

57.8892, 0.3391,
0.3320

39.7490, 0.2428,
0.3165

61.7804, 0.3546,
0.3335

38.2922, 0.2341,
0.3138

64.7825, 0.3647,
0.3350

■ 37.0686, 0.2273,
0.3110

■ 65.4756, 0.3643,
0.3366

■ 36.0559, 0.2223,
0.3083

■ 66.1756, 0.3639,
0.3381

■ 35.2274, 0.2192,
0.3057

■ 66.8826, 0.3635,
0.3397

■ 34.7280, 0.2177,
0.3038

■ 67.5967, 0.3631,
0.3413

Harmonies

Analogous

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



48.2638, 0.3003, 0.3367



48.2638, 0.2929, 0.3263



48.2638, 0.2907, 0.3169

Triad

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



48.2638, 0.2929, 0.3263



48.2638, 0.3141, 0.3136



48.2638, 0.3313, 0.3472

Complementary

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



48.2638, 0.2929, 0.3263



41.8231, 0.3360, 0.3317

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.



48.2638, 0.3352, 0.3406



48.2638, 0.2929, 0.3263



48.2638, 0.3251, 0.3214

Square

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



48.2638, 0.2929, 0.3263



48.2638, 0.3028, 0.3098



48.2638, 0.3329, 0.3312



48.2638, 0.3224, 0.3489

Rectangle

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



48.2638, 0.2929, 0.3263



48.2638, 0.2925, 0.3124



48.2638, 0.3329, 0.3312



48.2638, 0.3333, 0.3455

Sweetspot

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



48.2658, 0.2929, 0.3263



91.0738, 0.3065, 0.3282



48.1820, 0.3099, 0.3608



19.9092, 0.3053, 0.3280



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.



48.2658, 0.2929, 0.3263



84.9337, 0.2883, 0.3256



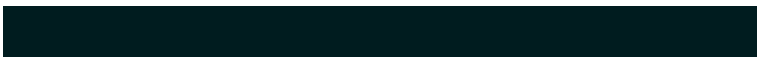
43.2396, 0.2925, 0.3099



10.6759, 0.2985, 0.3271



22.8764, 0.2178, 0.3042



0.9350, 0.2196, 0.3106

Inverse Universe

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



42.0147, 0.3159, 0.2996



71.3831, 0.3168, 0.2923



46.5359, 0.3339, 0.3474



9.6828, 0.3149, 0.3082



9.3391, 0.3417, 0.1656



0.3697, 0.3362, 0.1626

Previews

White Background



This preview shows how the Yxy color 48.2638, 0.2929, 0.3263 looks on a white background.

Color Contrast Check

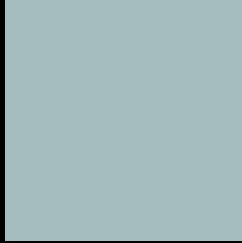
Large Text (above 18pt) WCAG AA × Fail

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 48.2638, 0.2929, 0.3263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

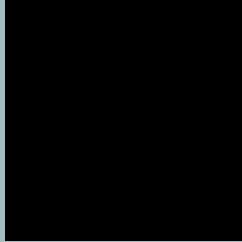
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

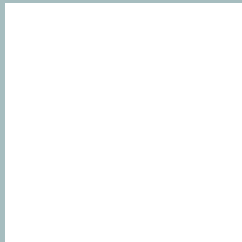
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2638, 0.2929, 0.3263

Background



This preview shows how black text looks on a background with the Yxy color 48.2638, 0.2929, 0.3263.



This preview shows how white text looks on a background with the Yxy color 48.2638, 0.2929, 0.3263.

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

48.2638, 0.2929, 0.3263

Protanopia

47.9369, 0.3113, 0.3226

Deuteranopia

48.0962, 0.3178, 0.3117



Tritanopia

48.1297, 0.2866, 0.3095

Trichromacy



Original Color

48.2638, 0.2929, 0.3263

Protanomaly

47.9558, 0.3047, 0.3238

Deuteranomaly

48.1118, 0.3082, 0.3176

Tritanomaly

48.2591, 0.2887, 0.3159

Monochromacy



Original Color

48.2638, 0.2929, 0.3263

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4308, 0.3053, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2638, 0.2929, 0.3263 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(166, 189, 191)` looks like.

```
.text, #text, p{  
    color:rgb(166, 189, 191)  
}
```

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(166, 189, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 189, 191) }
```

Border

The CSS property to change the border of an element to Yxy 48.2638, 0.2929, 0.3263 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(166, 189, 191) }
```

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

```
.border{ border-color:rgb(166, 189, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 189, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 189, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 189, 191);  
box-shadow:4px 4px 4px 4px rgb(166, 189,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2638, 0.2929, 0.3263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 189, 191) }
```

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

```
.background{ background-color: rgb(166,  
189, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor