

Converting Colors

$Y_{xy}(46.7039, 0.2989, 0.3204)$

Have a look what the booklet for
Yxy(46.7039, 0.2989, 0.3204)
contains.

Yxy(46.8829, 0.2991, 0.3211)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(46.8829, 0.2991, 0.3211)

Conversions

Conversions Part 1

Format	Color
Hex	ADB8BE
RGB	173, 184, 190
RGB Percent	68%, 72%, 75%
CMY	0.3215, 0.2784, 0.2550
CMYK	0.09, 0.03, 0.00, 0.25
HSL	201°, 12%, 71%
HSV	201°, 9%, 75%
XYZ	43.6707, 46.8829, 55.4535
YIQ	181.3950, -8.4820, -0.4660

Conversions

Conversions Part 2

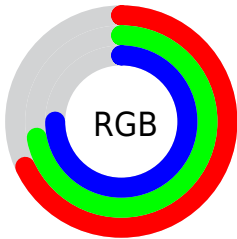
Format	Color
RYB	173, 180, 190
Decimal	11385022
CIELab	74.11, -2.60, -4.35
CIElCh	74, 5.067, 239.084
Yxy	46.8829, 0.2991, 0.3211
Android (android.graphics.Color)	4289575102 (0xFFADB8BE)
YUV	181.3950, 4.2423, -7.3624
Hunter-Lab	68.4711, -5.9774, -0.0882

Details

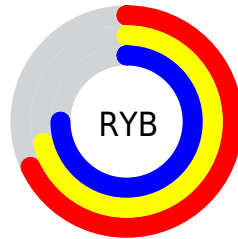
The Yxy color **46.8829, 0.2991, 0.3211** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **46.2078, 0.3272, 0.3368**, and the grayscale version is **46.4158, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4680, 0.3014, 0.3228**, and **22.1037, 0.2953, 0.3182** is the 20% darker color. If you saturate the color by 10%, you get **42.1504, 0.2837, 0.3114**, and if you desaturate by 10%, it is **52.0594, 0.3143, 0.3299**.

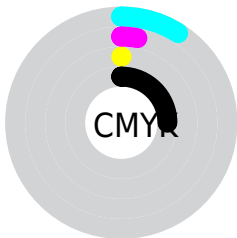
Distribution



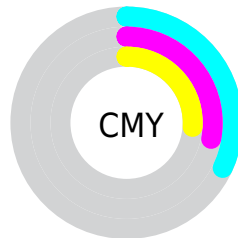
- Red (68%)
- Green (72%)
- Blue (75%)



- Red (68%)
- Yellow (71%)
- Blue (75%)



- Cyan (9%)
- Magenta (3%)
- Yellow (0%)
- Black (25%)



- Cyan (32%)
- Magenta (28%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.8829, 0.2991, 0.3211 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 46.8829, 0.2991, 0.3211 by changing the saturation by 10% instead.

■ 46.8829, 0.2991,
0.3211

■ 46.8829, 0.2991,
0.3211

374.3469, 0.3059,
0.3251

■ 32.9431, 0.2974,
0.3201

■ 85.5388, 0.3016,
0.3226

■ 22.0829, 0.2953,
0.3188

111.0237, 0.3025,
0.3231

■ 13.9178, 0.2924,
0.3171

141.1257, 0.3033,
0.3236

■ 8.0635, 0.2884,
0.3147

176.2293, 0.3039,
0.3239

■ 4.1356, 0.2824,
0.3110

216.7188, 0.3045,
0.3243

■ 1.7497, 0.2727,
0.3049

262.9787, 0.3050,

■ 0.4555, 0.2273,

0.3246

0.2803

315.3932, 0.3055,
0.3248

0.0000, 0.0000,
0.0000

46.8829, 0.2991,
0.3211

46.8829, 0.2991,
0.3211

42.1504, 0.2837,
0.3114

52.0594, 0.3143,
0.3299

37.8412, 0.2684,
0.3007

57.6879, 0.3292,
0.3378

33.9416, 0.2535,
0.2891

63.7836, 0.3435,
0.3448

30.4348, 0.2393,
0.2768

70.3592, 0.3572,
0.3509

27.3025, 0.2264,
0.2639

74.8737, 0.3602,
0.3573

■ 24.5246, 0.2149,
0.2505

■ 78.4119, 0.3586,
0.3640

■ 22.0784, 0.2053,
0.2370

■ 82.0923, 0.3570,
0.3705

■ 19.9378, 0.1977,
0.2235

■ 85.9166, 0.3554,
0.3769

■ 18.0589, 0.1920,
0.2103

■ 89.8861, 0.3538,
0.3832

Harmonies

Analogous

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



46.8829, 0.3001, 0.3268



46.8829, 0.2991, 0.3211



46.8829, 0.3017, 0.3176

Triad

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



46.8829, 0.2991, 0.3211



46.8829, 0.3210, 0.3248



46.8829, 0.3182, 0.3412

Complementary

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



46.8829, 0.2991, 0.3211



46.2078, 0.3272, 0.3368

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.



46.8829, 0.3238, 0.3405



46.8829, 0.2991, 0.3211



46.8829, 0.3255, 0.3310

Square

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



46.8829, 0.2991, 0.3211



46.8829, 0.3143, 0.3198



46.8829, 0.3265, 0.3367



46.8829, 0.3111, 0.3385

Rectangle

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



46.8829, 0.2991, 0.3211



46.8829, 0.3051, 0.3169



46.8829, 0.3265, 0.3367



46.8829, 0.3203, 0.3413

Sweetspot

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



46.8849, 0.2991, 0.3211



90.3922, 0.3081, 0.3264



48.9606, 0.3072, 0.3436



19.6812, 0.3069, 0.3257



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.



46.8849, 0.2991, 0.3211



82.9769, 0.2956, 0.3190



43.4860, 0.2991, 0.3098



10.2274, 0.2985, 0.3207



12.0344, 0.1919, 0.2106



0.5901, 0.2006, 0.2423

Inverse Universe

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



44.3026, 0.3187, 0.3149



77.2568, 0.3204, 0.3113



49.6914, 0.3261, 0.3475



9.6375, 0.3190, 0.3143



8.2446, 0.4334, 0.2161



0.3349, 0.4000, 0.1977

Previews

White Background



This preview shows how the Yxy color 46.8829, 0.2991, 0.3211 looks on a white background.

Color Contrast Check

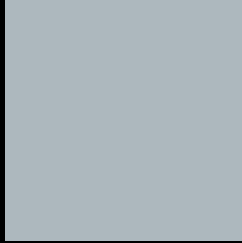
Large Text (above 18pt) WCAG AA × Fail

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 46.8829, 0.2991, 0.3211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

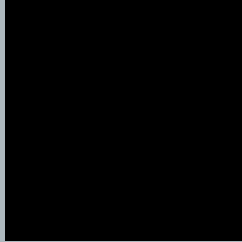
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

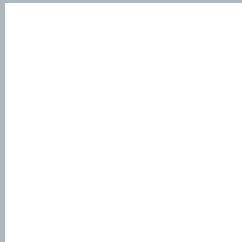
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.8829, 0.2991, 0.3211

Background



This preview shows how black text looks on a background with the Yxy color 46.8829, 0.2991, 0.3211.



This preview shows how white text looks on a background with the Yxy color 46.8829, 0.2991, 0.3211.

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

46.8829, 0.2991, 0.3211

Protanopia

46.7459, 0.3089, 0.3200

Deuteranopia

46.8080, 0.3170, 0.3115



Tritanopia

46.8969, 0.2947, 0.3108

Trichromacy



Original Color

46.8829, 0.2991, 0.3211

Protanomaly

46.7137, 0.3048, 0.3199

Deuteranomaly

46.9689, 0.3100, 0.3150

Tritanomaly

46.7607, 0.2969, 0.3146

Monochromacy



Original Color

46.8829, 0.2991, 0.3211

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.3816, 0.3078, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8829, 0.2991, 0.3211 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(173, 184, 190)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 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(173, 184, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 190) }
```

Border

The CSS property to change the border of an element to Yxy 46.8829, 0.2991, 0.3211 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(173, 184, 190) }
```

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

```
.border{ border-color:rgb(173, 184, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 190);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8829, 0.2991, 0.3211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 190) }
```

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

```
.background{ background-color: rgb(173,  
184, 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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