

Converting Colors

$Y_{xy}(48.0558, 0.3000, 0.3335)$

Have a look what the booklet for
Yxy(48.0558, 0.3000, 0.3335)
contains.

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Color

Yxy(47.9042, 0.2996, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	A9BCB9
RGB	169, 188, 185
RGB Percent	66%, 74%, 73%
CMY	0.3370, 0.2628, 0.2744
CMYK	0.10, 0.00, 0.02, 0.26
HSL	171°, 12%, 70%
HSV	171°, 10%, 74%
XYZ	43.1123, 47.9042, 52.8831
YIQ	181.9770, -10.3610, -4.9610

Conversions

Conversions Part 2

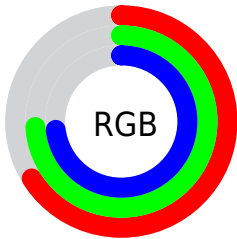
Format	Color
RYB	169, 179, 188
Decimal	11123897
CIELab	74.76, -7.06, -0.72
CIELCh	75, 7.092, 185.830
Yxy	47.9042, 0.2996, 0.3329
Android (android.graphics.Color)	4289313977 (0xFFA9BCB9)
YUV	181.9770, 1.4903, -11.3808
Hunter-Lab	69.2129, -9.9358, 3.1476

Details

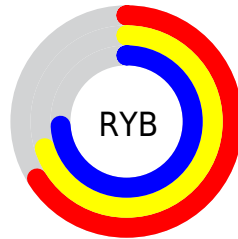
The Yxy color **47.9042, 0.2996, 0.3329** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **42.0657, 0.3276, 0.3251**, and the grayscale version is **46.7680, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.8995, 0.3018, 0.3321**, and **22.7758, 0.2961, 0.3344** is the 20% darker color. If you saturate the color by 10%, you get **45.8502, 0.2872, 0.3372**, and if you desaturate by 10%, it is **50.2638, 0.3126, 0.3290**.

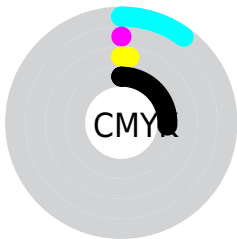
Distribution



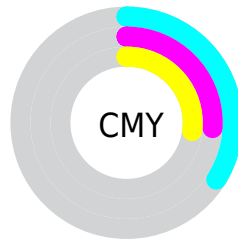
- Red (66%)
- Green (74%)
- Blue (73%)



- Red (66%)
- Yellow (70%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (2%)
- Black (26%)



- Cyan (34%)
- Magenta (26%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 47.9042, 0.2996, 0.3329 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 47.9042, 0.2996, 0.3329 by changing the saturation by 10% instead.

■ 47.9042, 0.2996,
0.3329

■ 47.9042, 0.2996,
0.3329

378.4123, 0.3061,
0.3310

■ 33.7510, 0.2980,
0.3334

■ 87.0618, 0.3020,
0.3322

■ 22.7024, 0.2959,
0.3340

■ 112.8349, 0.3029,
0.3319

■ 14.3739, 0.2932,
0.3348

143.2502, 0.3036,
0.3317

■ 8.3812, 0.2893,
0.3359

178.6920, 0.3043,
0.3315

■ 4.3398, 0.2837,
0.3375

219.5447, 0.3048,
0.3314

■ 1.8654, 0.2743,
0.3401

266.1927, 0.3053,

■ 0.5275, 0.2222,

0.3312

0.3561

319.0205, 0.3057,
0.3311

0.0000, 0.0000,
0.0000

47.9042, 0.2996,
0.3329

47.9042, 0.2996,
0.3329

45.8502, 0.2872,
0.3372

50.2638, 0.3126,
0.3290

44.0831, 0.2757,
0.3418

52.9348, 0.3260,
0.3255

42.5912, 0.2653,
0.3467

55.9306, 0.3395,
0.3224

41.3597, 0.2565,
0.3518

59.2620, 0.3529,
0.3197

40.3727, 0.2492,
0.3572

61.3804, 0.3595,
0.3169

■ 39.6122, 0.2439,
0.3627

■ 61.5194, 0.3570,
0.3139

■ 39.0577, 0.2404,
0.3683

■ 61.6610, 0.3545,
0.3109

■ 38.6853, 0.2388,
0.3738

■ 61.8053, 0.3521,
0.3079

■ 38.4477, 0.2387,
0.3793

■ 61.9524, 0.3496,
0.3049

Harmonies

Analogous

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



47.9042, 0.3082, 0.3409



47.9042, 0.2996, 0.3329



47.9042, 0.2945, 0.3239

Triad

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



47.9042, 0.2996, 0.3329



47.9042, 0.3071, 0.3131



47.9042, 0.3315, 0.3412

Complementary

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



47.9042, 0.2996, 0.3329



42.0657, 0.3276, 0.3251

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.



47.9042, 0.3313, 0.3336



47.9042, 0.2996, 0.3329



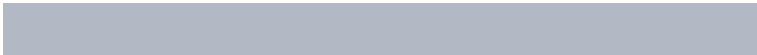
47.9042, 0.3171, 0.3176

Square

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



47.9042, 0.2996, 0.3329



47.9042, 0.2988, 0.3126



47.9042, 0.3259, 0.3250



47.9042, 0.3267, 0.3456

Rectangle

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



47.9042, 0.2996, 0.3329



47.9042, 0.2938, 0.3187



47.9042, 0.3259, 0.3250



47.9042, 0.3321, 0.3389

Sweetspot

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



47.9062, 0.2996, 0.3329



89.7773, 0.3087, 0.3301



47.6226, 0.3141, 0.3544



19.2305, 0.3076, 0.3305



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



47.9062, 0.2996, 0.3329



85.9980, 0.2969, 0.3338



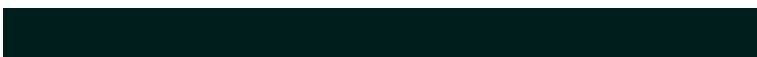
45.3953, 0.2974, 0.3205



10.7831, 0.3005, 0.3326



26.1898, 0.2385, 0.3786



1.0329, 0.2348, 0.3654

Inverse Universe

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



42.0657, 0.3276, 0.3251



73.3626, 0.3312, 0.3243



44.3591, 0.3293, 0.3373



9.5601, 0.3264, 0.3254



7.3485, 0.6157, 0.3165



0.2956, 0.5574, 0.2845

Previews

White Background



This preview shows how the Yxy color 47.9042, 0.2996, 0.3329 looks on a white background.

Color Contrast Check

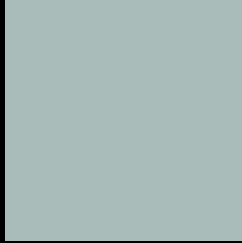
Large Text (above 18pt) WCAG AA × Fail

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 47.9042, 0.2996, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

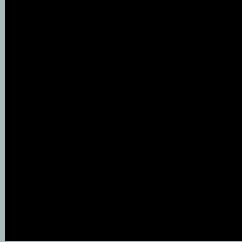
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

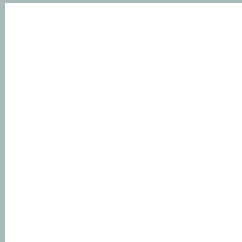
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.9042, 0.2996, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 47.9042, 0.2996, 0.3329.

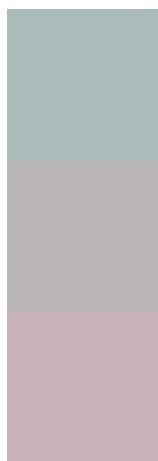


This preview shows how white text looks on a background with the Yxy color 47.9042, 0.2996, 0.3329.

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

47.9042, 0.2996, 0.3329

Protanopia

47.8092, 0.3169, 0.3303

Deuteranopia

47.7080, 0.3246, 0.3179



Tritanopia

48.0586, 0.2910, 0.3108

Trichromacy



Original Color

47.9042, 0.2996, 0.3329

Protanomaly

47.8201, 0.3101, 0.3316

Deuteranomaly

47.8199, 0.3155, 0.3239

Tritanomaly

48.1387, 0.2939, 0.3185

Monochromacy



Original Color

47.9042, 0.2996, 0.3329

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.0470, 0.3076, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.9042, 0.2996, 0.3329 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(169, 188, 185)` looks like.

```
.text, #text, p{  
    color:rgb(169, 188, 185)  
}
```

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(169, 188, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 188, 185) }
```

Border

The CSS property to change the border of an element to Yxy 47.9042, 0.2996, 0.3329 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(169, 188, 185) }
```

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

```
.border{ border-color:rgb(169, 188, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 188, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 188, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 188, 185);  
box-shadow:4px 4px 4px 4px rgb(169, 188,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 47.9042, 0.2996, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 188, 185) }
```

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

```
.background{ background-color: rgb(169,  
188, 185) }
```

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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