

Converting Colors

$Yxy(47.2246, 0.2901, 0.3339)$

Have a look what the booklet for
Yxy(47.2246, 0.2901, 0.3339)
contains.

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Color

Yxy(47.1085, 0.2896, 0.3330)

Conversions

Conversions Part 1

Format	Color
Hex	9DBDBA
RGB	157, 189, 186
RGB Percent	62%, 74%, 73%
CMY	0.3842, 0.2588, 0.2706
CMYK	0.17, 0.00, 0.02, 0.26
HSL	174°, 19%, 68%
HSV	174°, 17%, 74%
XYZ	40.9688, 47.1085, 53.3896
YIQ	179.0900, -18.1090, -7.7170

Conversions

Conversions Part 2

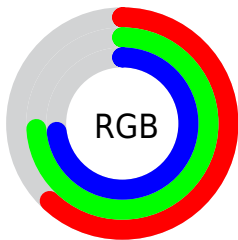
Format	Color
RYB	157, 174, 189
Decimal	10337722
CIELab	74.26, -11.35, -2.09
CIELCh	74, 11.544, 190.441
Yxy	47.1085, 0.2896, 0.3330
Android (android.graphics.Color)	4288527802 (0xFF9DBDBA)
YUV	179.0900, 3.4066, -19.3729
Hunter-Lab	68.6356, -13.5651, 1.9250

Details

The Yxy color **47.1085, 0.2896, 0.3330** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **37.4798, 0.3417, 0.3251**, and the grayscale version is **45.1218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.7127, 0.2938, 0.3321**, and **22.3050, 0.2829, 0.3346** is the 20% darker color. If you saturate the color by 10%, you get **45.2790, 0.2771, 0.3356**, and if you desaturate by 10%, it is **49.2369, 0.3030, 0.3306**.

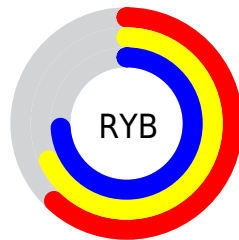
Distribution



Red (62%)

Green (74%)

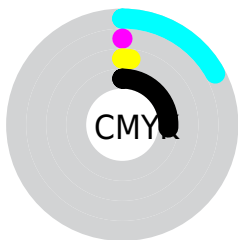
Blue (73%)



Red (62%)

Yellow (68%)

Blue (74%)

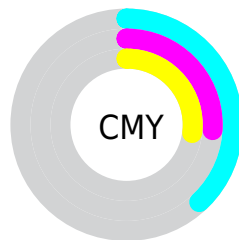


Cyan (17%)

Magenta (0%)

Yellow (2%)

Black (26%)



Cyan (38%)


Magenta (26%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1085, 0.2896, 0.3330 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 47.1085, 0.2896, 0.3330 by changing the saturation by 10% instead.


 47.1085, 0.2896,
0.3330

 47.1085, 0.2896,
0.3330


375.2475, 0.3011,
0.3311

 33.1214, 0.2868,
0.3335


 85.8756, 0.2938,
0.3323

 22.2195, 0.2831,
0.3340


 111.4243, 0.2953,
0.3321

 14.0183, 0.2783,
0.3348


141.5958, 0.2967,
0.3318

 8.1334, 0.2715,
0.3358

176.7744, 0.2978,
0.3316

 4.1804, 0.2616,
0.3371

217.3444, 0.2988,
0.3315

 1.7750, 0.2453,
0.3392

263.6904, 0.2996,

 0.4715, 0.1313,

0.3313

0.3621

316.1966, 0.3004,
0.3312

0.0000, 0.0000,
0.0000

47.1085, 0.2896,
0.3330

47.1085, 0.2896,
0.3330

45.2790, 0.2771,
0.3356

49.2369, 0.3030,
0.3306

43.7290, 0.2657,
0.3385

51.6710, 0.3171,
0.3283

42.4461, 0.2558,
0.3414

54.4246, 0.3315,
0.3263

41.4143, 0.2475,
0.3445

57.5090, 0.3460,
0.3246

40.6162, 0.2411,
0.3477

60.9347, 0.3605,
0.3230

■ 40.0320, 0.2366,
0.3509

■ 61.6684, 0.3619,
0.3212

■ 39.6387, 0.2340,
0.3541

■ 61.7498, 0.3604,
0.3194

■ 39.4047, 0.2330,
0.3572

■ 61.8322, 0.3589,
0.3176

■ 39.3462, 0.2328,
0.3582

■ 61.9155, 0.3574,
0.3157

Harmonies

Analogous

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



47.1085, 0.3028, 0.3469



47.1085, 0.2896, 0.3330



47.1085, 0.2825, 0.3183

Triad

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



47.1085, 0.2896, 0.3330



47.1085, 0.3059, 0.3039



47.1085, 0.3429, 0.3502

Complementary

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



47.1085, 0.2896, 0.3330



37.4798, 0.3417, 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.



47.1085, 0.3439, 0.3384



47.1085, 0.2896, 0.3330



47.1085, 0.3222, 0.3121

Square

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



47.1085, 0.2896, 0.3330



47.1085, 0.2917, 0.3020



47.1085, 0.3362, 0.3245



47.1085, 0.3337, 0.3568

Rectangle

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



47.1085, 0.2896, 0.3330



47.1085, 0.2822, 0.3103



47.1085, 0.3362, 0.3245



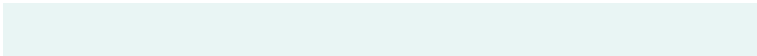
47.1085, 0.3442, 0.3467

Sweetspot

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



47.1105, 0.2896, 0.3330



88.9442, 0.3056, 0.3301



46.3262, 0.3132, 0.3737



19.0642, 0.3046, 0.3303



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.



47.1105, 0.2896, 0.3330



83.2023, 0.2852, 0.3339



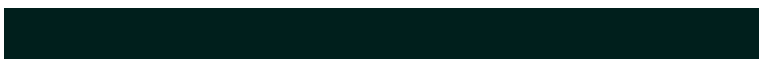
41.9774, 0.2867, 0.3113



10.7937, 0.2997, 0.3311



26.4800, 0.2327, 0.3578



1.0418, 0.2306, 0.3502

Inverse Universe

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



37.4798, 0.3417, 0.3251



62.9742, 0.3489, 0.3242



41.9337, 0.3418, 0.3461



9.5505, 0.3274, 0.3269



7.3132, 0.6278, 0.3232



0.2914, 0.5871, 0.3008

Previews

White Background



This preview shows how the Yxy color 47.1085, 0.2896, 0.3330 looks on a white background.

Color Contrast Check

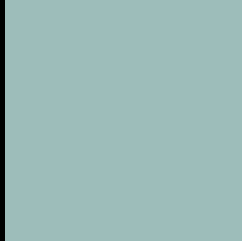
Large Text (above 18pt) WCAG AA × Fail

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 47.1085, 0.2896, 0.3330 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

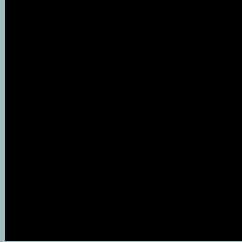
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

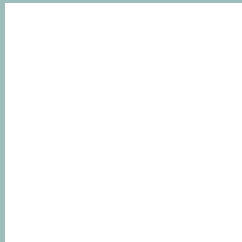
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.1085, 0.2896, 0.3330

Background



This preview shows how black text looks on a background with the Yxy color 47.1085, 0.2896, 0.3330.



This preview shows how white text looks on a background with the Yxy color 47.1085, 0.2896, 0.3330.

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

47.1085, 0.2896, 0.3330

Protanopia

46.7394, 0.3153, 0.3277

Deuteranopia

46.9887, 0.3204, 0.3141



Tritanopia

47.2785, 0.2807, 0.3091

Trichromacy



Original Color

47.1085, 0.2896, 0.3330

Protanomaly

46.8138, 0.3060, 0.3303

Deuteranomaly

46.6237, 0.3081, 0.3199

Tritanomaly

47.3229, 0.2841, 0.3182

Monochromacy



Original Color

47.1085, 0.2896, 0.3330

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.9023, 0.3035, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1085, 0.2896, 0.3330 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(157, 189, 186)` looks like.

```
.text, #text, p{  
    color:rgb(157, 189, 186)  
}
```

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(157, 189, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 189, 186) }
```

Border

The CSS property to change the border of an element to Yxy 47.1085, 0.2896, 0.3330 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(157, 189, 186) }
```

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

```
.border{ border-color:rgb(157, 189, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 189, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 189, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 189, 186);  
box-shadow:4px 4px 4px 4px rgb(157, 189,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1085, 0.2896, 0.3330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 189, 186) }
```

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

```
.background{ background-color: rgb(157,  
189, 186) }
```

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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