

Converting Colors

$Yxy(44.8899, 0.2903, 0.3298)$

Have a look what the booklet for
Yxy(44.8899, 0.2903, 0.3298)
contains.

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Color

Yxy(44.8096, 0.2900, 0.3289)

Conversions

Conversions Part 1

Format	Color
Hex	9CB8B8
RGB	156, 184, 184
RGB Percent	61%, 72%, 72%
CMY	0.3881, 0.2785, 0.2784
CMYK	0.15, 0.00, 0.00, 0.28
HSL	180°, 16%, 67%
HSV	180°, 15%, 72%
XYZ	39.5098, 44.8096, 51.9214
YIQ	175.6280, -16.6880, -5.9360

Conversions

Conversions Part 2

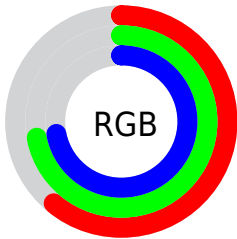
Format	Color
R _Y B	156, 170, 184
Decimal	10270904
CIE Lab	72.77, -9.46, -3.21
CIE LCh	73, 9.985, 198.732
Yxy	44.8096, 0.2900, 0.3289
Android (android.graphics.Color)	4288460984 (0xFF9CB8B8)
YUV	175.6280, 4.1274, -17.2138
Hunter-Lab	66.9400, -11.7893, 0.8702

Details

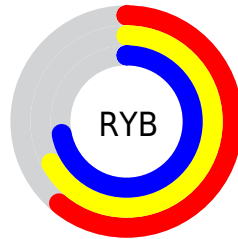
The Yxy color **44.8096, 0.2900, 0.3289** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **36.3934, 0.3407, 0.3291**, and the grayscale version is **43.2021, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4603, 0.2942, 0.3289**, and **20.8143, 0.2832, 0.3289** is the 20% darker color. If you saturate the color by 10%, you get **43.1059, 0.2762, 0.3288**, and if you desaturate by 10%, it is **46.7952, 0.3048, 0.3290**.

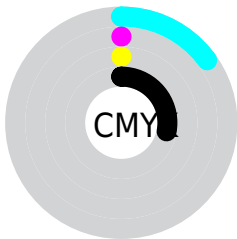
Distribution



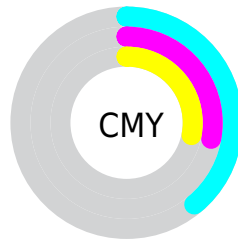
- Red (61%)
- Green (72%)
- Blue (72%)



- Red (61%)
- Yellow (67%)
- Blue (72%)



- Cyan (15%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (39%)
- Magenta (28%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8096, 0.2900, 0.3289 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 44.8096, 0.2900, 0.3289 by changing the saturation by 10% instead.

■ 44.8096, 0.2900,
0.3289

■ 44.8096, 0.2900,
0.3289

366.0019, 0.3014,
0.3290

■ 31.3075, 0.2872,
0.3288

■ 82.4346, 0.2941,
0.3290

■ 20.8331, 0.2835,
0.3287

■ 107.3263, 0.2957,
0.3290

■ 13.0021, 0.2786,
0.3286

136.7833, 0.2970,
0.3290

■ 7.4300, 0.2718,
0.3283

171.1900, 0.2981,
0.3290

■ 3.7324, 0.2616,
0.3277

210.9309, 0.2991,
0.3290

■ 1.5250, 0.2446,
0.3265

256.3902, 0.3000,

■ 0.3063, 0.0652,

0.3290

0.3314

307.9524, 0.3007,
0.3290

0.0000, 0.0000,
0.0000

44.8096, 0.2900,
0.3289

44.8096, 0.2900,
0.3289

43.1059, 0.2762,
0.3288

46.7952, 0.3048,
0.3290

41.6660, 0.2638,
0.3288

49.0687, 0.3202,
0.3290

40.4783, 0.2528,
0.3287


51.6430, 0.3361,
0.3291


39.5283, 0.2436,
0.3287


54.5286, 0.3521,
0.3292

38.7999, 0.2363,
0.3286

57.7355, 0.3680,
0.3292

 38.2750, 0.2308,
0.3286

 59.0355, 0.3740,
0.3293

 37.9327, 0.2272,
0.3285

 59.0416, 0.3739,
0.3293

 37.7474, 0.2252,
0.3285

 59.0477, 0.3739,
0.3293

 37.6875, 0.2246,
0.3285

 59.0538, 0.3739,
0.3293

Harmonies

Analogous

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



44.8096, 0.3004, 0.3416



44.8096, 0.2900, 0.3289



44.8096, 0.2856, 0.3165

Triad

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



44.8096, 0.2900, 0.3289



44.8096, 0.3107, 0.3084



44.8096, 0.3377, 0.3499

Complementary

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



44.8096, 0.2900, 0.3289



36.3934, 0.3407, 0.3291

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.



44.8096, 0.3406, 0.3405



44.8096, 0.2900, 0.3289



44.8096, 0.3248, 0.3168

Square

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



44.8096, 0.2900, 0.3289



44.8096, 0.2973, 0.3051



44.8096, 0.3359, 0.3285



44.8096, 0.3279, 0.3539

Rectangle

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



44.8096, 0.2900, 0.3289



44.8096, 0.2866, 0.3102



44.8096, 0.3359, 0.3285



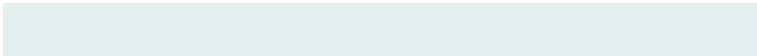
44.8096, 0.3395, 0.3472

Sweetspot

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



44.8115, 0.2900, 0.3289



84.8589, 0.3049, 0.3290



43.7612, 0.3108, 0.3690



18.2361, 0.3039, 0.3290



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



44.8115, 0.2900, 0.3289



80.2072, 0.2856, 0.3289



39.2943, 0.2893, 0.3093



10.2094, 0.2985, 0.3289



25.9699, 0.2246, 0.3285



0.9159, 0.2246, 0.3286

Inverse Universe

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



37.4445, 0.3145, 0.2921



64.4745, 0.3148, 0.2844



41.3546, 0.3379, 0.3480



9.1626, 0.3138, 0.3065



9.4040, 0.3211, 0.1543



0.3316, 0.3211, 0.1542

Previews

White Background



This preview shows how the Yxy color 44.8096, 0.2900, 0.3289 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 44.8096, 0.2900, 0.3289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

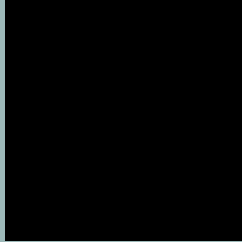
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

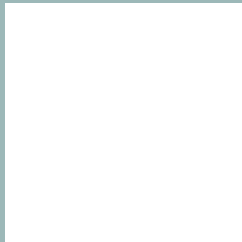
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.8096, 0.2900, 0.3289

Background



This preview shows how black text looks on a background with the Yxy color 44.8096, 0.2900, 0.3289.

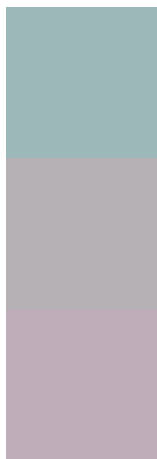


This preview shows how white text looks on a background with the Yxy color 44.8096, 0.2900, 0.3289.

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

44.8096, 0.2900, 0.3289

Protanopia

44.5633, 0.3138, 0.3251

Deuteranopia

44.6388, 0.3188, 0.3125



Tritanopia

44.7562, 0.2822, 0.3087

Trichromacy



Original Color

44.8096, 0.2900, 0.3289

Protanomaly

44.7494, 0.3051, 0.3276

Deuteranomaly

44.5308, 0.3080, 0.3185

Tritanomaly

44.8408, 0.2850, 0.3167

Monochromacy



Original Color

44.8096, 0.2900, 0.3289

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.9299, 0.3042, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8096, 0.2900, 0.3289 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(156, 184, 184)` looks like.

```
.text, #text, p{  
    color:rgb(156, 184, 184)  
}
```

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(156, 184, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 184, 184) }
```

Border

The CSS property to change the border of an element to Yxy 44.8096, 0.2900, 0.3289 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(156, 184, 184) }
```

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

```
.border{ border-color:rgb(156, 184, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 184, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 184, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 184, 184); box-shadow:4px 4px 4px 4px rgb(156, 184, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8096, 0.2900, 0.3289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 184, 184) }
```

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

```
.background{ background-color: rgb(156,  
184, 184) }
```

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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