

Converting Colors

$Yxy(39.6786, 0.2907, 0.3437)$

Have a look what the booklet for
Yxy(39.6786, 0.2907, 0.3437)
contains.

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Color

Yxy(39.5034, 0.2901, 0.3423)

Conversions

Conversions Part 1

Format	Color
Hex	8DB0A7
RGB	141, 176, 167
RGB Percent	55%, 69%, 65%
CMY	0.4472, 0.3097, 0.3451
CMYK	0.20, 0.00, 0.05, 0.31
HSL	165°, 18%, 62%
HSV	165°, 20%, 69%
XYZ	33.4792, 39.5034, 42.4232
YIQ	164.5090, -17.9710, -10.2190

Conversions

Conversions Part 2

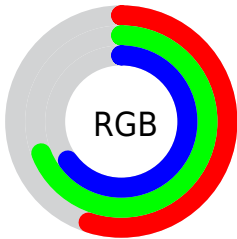
Format	Color
RYB	141, 161, 176
Decimal	9285799
CIELab	69.11, -13.76, 0.67
CIELCh	69, 13.774, 177.198
Yxy	39.5034, 0.2901, 0.3423
Android (android.graphics.Color)	4287475879 (0xFF8DB0A7)
YUV	164.5090, 1.2281, -20.6174
Hunter-Lab	62.8517, -14.9090, 3.9771

Details

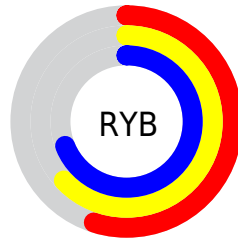
The Yxy color **39.5034, 0.2901, 0.3423** is a light color, and the websafe version is hex **669999**. A complement of this color would be **30.4681, 0.3416, 0.3161**, and the grayscale version is **37.3770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5893, 0.2944, 0.3402**, and **17.5774, 0.2832, 0.3458** is the 20% darker color. If you saturate the color by 10%, you get **37.9191, 0.2797, 0.3499**, and if you desaturate by 10%, it is **41.3420, 0.3012, 0.3353**.

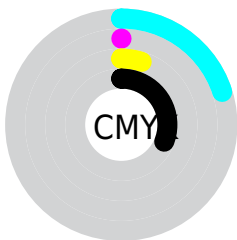
Distribution



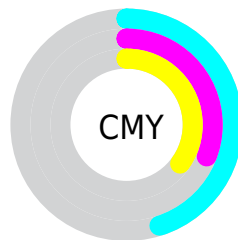
- Red (55%)
- Green (69%)
- Blue (65%)



- Red (55%)
- Yellow (63%)
- Blue (69%)



- Cyan (20%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)



- Cyan (45%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5034, 0.2901, 0.3423 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 39.5034, 0.2901, 0.3423 by changing the saturation by 10% instead.


 39.5034, 0.2901,
0.3423


 39.5034, 0.2901,
0.3423

344.0260, 0.3017,
0.3355

 27.1516, 0.2871,
0.3441


 74.4067, 0.2944,
0.3398

 17.6871, 0.2832,
0.3464


 97.7270, 0.2960,
0.3388

 10.7256, 0.2778,
0.3496


 125.4722, 0.2973,
0.3380

 5.8826, 0.2701,
0.3542

158.0267, 0.2985,
0.3374

 2.7738, 0.2581,
0.3614

195.7750, 0.2995,
0.3368

 1.0148, 0.2315,
0.3769

239.1013, 0.3003,

 0.0000, 0.0000,

0.3363

0.0000

288.3902, 0.3011,
0.3358

■ 39.5034, 0.2901,
0.3423

■ 39.5034, 0.2901,
0.3423

■ 37.9191, 0.2797,
0.3499

■ 41.3420, 0.3012,
0.3353

■ 36.5725, 0.2704,
0.3581

■ 43.4409, 0.3128,
0.3290

■ 35.4528, 0.2623,
0.3668

■ 45.8119, 0.3246,
0.3232

■ 34.5462, 0.2559,
0.3760

■ 48.4646, 0.3365,
0.3182

■ 33.8376, 0.2512,
0.3853

■ 51.4083, 0.3483,
0.3137

■ 33.3095, 0.2484,
0.3949

■ 54.6516, 0.3598,
0.3097

■ 32.9418, 0.2476,
0.4044

■ 56.4236, 0.3631,
0.3056

■ 32.6915, 0.2483,
0.4138

■ 56.6363, 0.3591,
0.3010

■ 32.6896, 0.2483,
0.4139

■ 56.8553, 0.3551,
0.2964

Harmonies

Analogous

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



39.5034, 0.3089, 0.3579



39.5034, 0.2901, 0.3423



39.5034, 0.2775, 0.3233

Triad

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



39.5034, 0.2901, 0.3423



39.5034, 0.2955, 0.2954



39.5034, 0.3530, 0.3496

Complementary

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



39.5034, 0.2901, 0.3423



30.4681, 0.3416, 0.3161

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.



39.5034, 0.3492, 0.3329



39.5034, 0.2901, 0.3423



39.5034, 0.3155, 0.3024

Square

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



39.5034, 0.2901, 0.3423



39.5034, 0.2805, 0.2967



39.5034, 0.3353, 0.3159



39.5034, 0.3455, 0.3615

Rectangle

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



39.5034, 0.2901, 0.3423



39.5034, 0.2741, 0.3116



39.5034, 0.3353, 0.3159



39.5034, 0.3530, 0.3443

Sweetspot

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



39.5050, 0.2901, 0.3423



76.3625, 0.3056, 0.3328



39.4906, 0.3184, 0.3815



16.4981, 0.3049, 0.3332



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.5050, 0.2901, 0.3423



70.2872, 0.2853, 0.3457



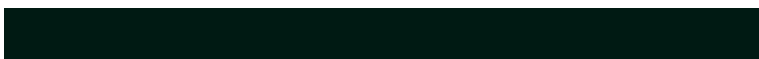
36.7373, 0.2827, 0.3168



9.5935, 0.3019, 0.3349



23.9906, 0.2480, 0.4129



0.7637, 0.2407, 0.3866

Inverse Universe

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



30.4681, 0.3416, 0.3161



50.8304, 0.3500, 0.3130



32.6905, 0.3491, 0.3409



8.5399, 0.3248, 0.3232



6.9208, 0.5874, 0.3009



0.2274, 0.5076, 0.2570

Previews

White Background



This preview shows how the Yxy color 39.5034, 0.2901, 0.3423 looks on a white background.

Color Contrast Check

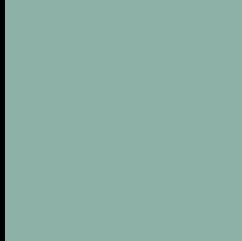
Large Text (above 18pt) WCAG AA × Fail

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 39.5034, 0.2901, 0.3423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

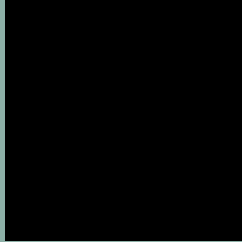
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

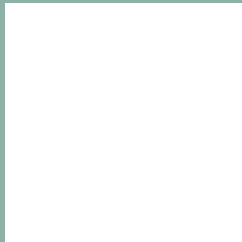
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5034, 0.2901, 0.3423

Background



This preview shows how black text looks on a background with the Yxy color 39.5034, 0.2901, 0.3423.



This preview shows how white text looks on a background with the Yxy color 39.5034, 0.2901, 0.3423.

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

39.5034, 0.2901, 0.3423

Protanopia

39.4981, 0.3225, 0.3374

Deuteranopia

39.2870, 0.3264, 0.3197



Tritanopia

39.4947, 0.2784, 0.3089

Trichromacy



Original Color

39.5034, 0.2901, 0.3423

Protanomaly

39.3832, 0.3096, 0.3390

Deuteranomaly

39.1947, 0.3119, 0.3276

Tritanomaly

39.4967, 0.2828, 0.3202

Monochromacy



Original Color

39.5034, 0.2901, 0.3423

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.1970, 0.3035, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5034, 0.2901, 0.3423 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(141, 176, 167)` looks like.

```
.text, #text, p{  
    color:rgb(141, 176, 167)  
}
```

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(141, 176, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 176, 167) }
```

Border

The CSS property to change the border of an element to Yxy 39.5034, 0.2901, 0.3423 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(141, 176, 167) }
```

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

```
.border{ border-color:rgb(141, 176, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 176, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(141, 176, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(141, 176, 167); box-shadow:4px 4px 4px 4px rgb(141, 176, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5034, 0.2901, 0.3423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 176, 167) }
```

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

```
.background{ background-color: rgb(141,  
176, 167) }
```

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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