

Converting Colors

$Yxy(39.2066, 0.2848, 0.3361)$

Have a look what the booklet for
Yxy(39.2066, 0.2848, 0.3361)
contains.

Yxy(39.3942, 0.2848, 0.3363)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(39.3942, 0.2848, 0.3363)

Conversions

Conversions Part 1

Format	Color
Hex	8AB0AB
RGB	138, 176, 171
RGB Percent	54%, 69%, 67%
CMY	0.4587, 0.3098, 0.3293
CMYK	0.22, 0.00, 0.03, 0.31
HSL	172°, 19%, 62%
HSV	172°, 22%, 69%
XYZ	33.3615, 39.3942, 44.3844
YIQ	164.0680, -21.0430, -9.6110

Conversions

Conversions Part 2

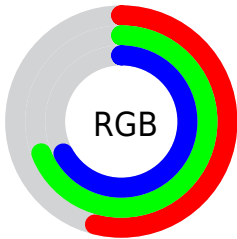
Format	Color
RYB	138, 158, 176
Decimal	9089195
CIELab	69.04, -13.83, -1.68
CIElCh	69, 13.935, 186.921
Yxy	39.3942, 0.2848, 0.3363
Android (android.graphics.Color)	4287279275 (0xFF8AB0AB)
YUV	164.0680, 3.4175, -22.8616
Hunter-Lab	62.7648, -14.9600, 2.0082

Details

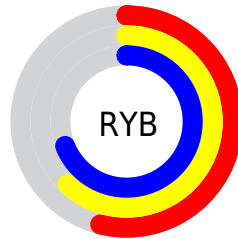
The Yxy color **39.3942, 0.2848, 0.3363** is a light color, and the websafe version is hex **669999**. A complement of this color would be **29.3964, 0.3499, 0.3219**, and the grayscale version is **37.1526, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4107, 0.2902, 0.3357**, and **17.5241, 0.2761, 0.3373** is the 20% darker color. If you saturate the color by 10%, you get **37.9268, 0.2732, 0.3401**, and if you desaturate by 10%, it is **41.1096, 0.2974, 0.3327**.

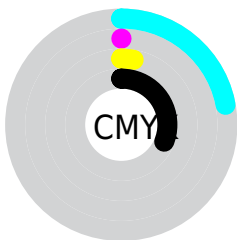
Distribution



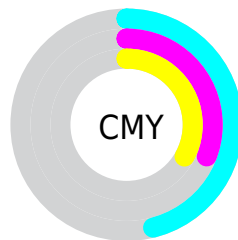
- Red (54%)
- Green (69%)
- Blue (67%)



- Red (54%)
- Yellow (62%)
- Blue (69%)



- Cyan (22%)
- Magenta (0%)
- Yellow (3%)
- Black (31%)




- Cyan (46%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3942, 0.2848, 0.3363 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 39.3942, 0.2848, 0.3363 by changing the saturation by 10% instead.


 39.3942, 0.2848,
0.3363


 39.3942, 0.2848,
0.3363


343.5636, 0.2991,
0.3326

 27.0665, 0.2811,
0.3372


 74.2401, 0.2901,
0.3350

 17.6232, 0.2763,
0.3384


 97.5272, 0.2920,
0.3345

 10.6798, 0.2698,
0.3400


 125.2362, 0.2937,
0.3340

 5.8520, 0.2605,
0.3422

157.7514, 0.2951,
0.3337

 2.7553, 0.2461,
0.3455

195.4574, 0.2963,
0.3334

 1.0053, 0.2154,
0.3533

238.7385, 0.2973,

 0.0000, 0.0000,

0.3331

0.0000

287.9791, 0.2983,
0.3329

■ 39.3942, 0.2848,
0.3363

■ 39.3942, 0.2848,
0.3363

■ 37.9268, 0.2732,
0.3401

■ 41.1096, 0.2974,
0.3327

■ 36.6909, 0.2629,
0.3442

■ 43.0791, 0.3106,
0.3295

■ 35.6754, 0.2540,
0.3485

■ 45.3146, 0.3242,
0.3265

■ 34.8665, 0.2469,
0.3529

■ 47.8258, 0.3381,
0.3239

■ 34.2486, 0.2415,
0.3575

■ 50.6218, 0.3519,
0.3216

■ 33.8042, 0.2381,
0.3620

■ 53.7115, 0.3655,
0.3195

■ 33.5123, 0.2365,
0.3665

■ 55.9042, 0.3734,
0.3175

■ 33.3475, 0.2362,
0.3703

■ 56.0038, 0.3713,
0.3151

■ 56.1050, 0.3692,
0.3127

Harmonies

Analogous

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



39.3942, 0.3023, 0.3539



39.3942, 0.2848, 0.3363



39.3942, 0.2748, 0.3172

Triad

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



39.3942, 0.2848, 0.3363



39.3942, 0.3015, 0.2964



39.3942, 0.3522, 0.3545

Complementary

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



39.3942, 0.2848, 0.3363



29.3964, 0.3499, 0.3219

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.



39.3942, 0.3522, 0.3387



39.3942, 0.2848, 0.3363



39.3942, 0.3224, 0.3059

Square

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



39.3942, 0.2848, 0.3363



39.3942, 0.2842, 0.2949



39.3942, 0.3411, 0.3211



39.3942, 0.3414, 0.3641

Rectangle

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



39.3942, 0.2848, 0.3363



39.3942, 0.2735, 0.3065



39.3942, 0.3411, 0.3211



39.3942, 0.3535, 0.3497

Sweetspot

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



39.3958, 0.2848, 0.3363



76.4581, 0.3045, 0.3309



38.7324, 0.3144, 0.3871



16.5209, 0.3037, 0.3311



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.



39.3958, 0.2848, 0.3363



70.0998, 0.2790, 0.3381



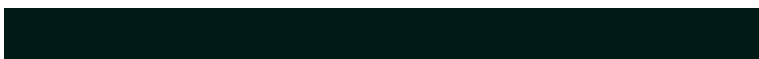
34.4061, 0.2797, 0.3079



9.6120, 0.3003, 0.3320



24.4748, 0.2361, 0.3699



0.7754, 0.2326, 0.3573

Inverse Universe

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



29.3964, 0.3499, 0.3219



48.6263, 0.3609, 0.3202



33.5046, 0.3513, 0.3491



8.5228, 0.3267, 0.3260



6.8230, 0.6207, 0.3193



0.2204, 0.5622, 0.2871

Previews

White Background



This preview shows how the Yxy color 39.3942, 0.2848, 0.3363 looks on a white background.

Color Contrast Check

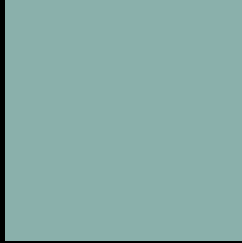
Large Text (above 18pt) WCAG AA × Fail

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 39.3942, 0.2848, 0.3363 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

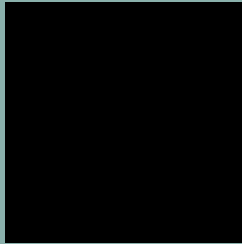
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3942, 0.2848, 0.3363

Background



This preview shows how black text looks on a background with the Yxy color 39.3942, 0.2848, 0.3363.

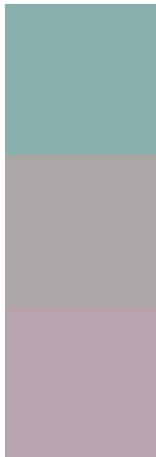


This preview shows how white text looks on a background with the Yxy color 39.3942, 0.2848, 0.3363.

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

39.3942, 0.2848, 0.3363

Protanopia

39.0485, 0.3173, 0.3304

Deuteranopia

39.1955, 0.3209, 0.3143



Tritanopia

39.5227, 0.2754, 0.3102

Trichromacy



Original Color

39.3942, 0.2848, 0.3363

Protanomaly

38.9475, 0.3045, 0.3318

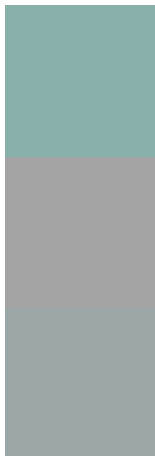
Deuteranomaly

39.1294, 0.3067, 0.3220

Tritanomaly

39.5716, 0.2790, 0.3202

Monochromacy



Original Color

39.3942, 0.2848, 0.3363

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.7638, 0.3018, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3942, 0.2848, 0.3363 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(138, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(138, 176, 171)  
}
```

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(138, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 39.3942, 0.2848, 0.3363 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(138, 176, 171) }
```

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

```
.border{ border-color:rgb(138, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(138, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(138, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3942, 0.2848, 0.3363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 176, 171) }
```

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

```
.background{ background-color: rgb(138,  
176, 171) }
```

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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