

Converting Colors

Yxy(39.0444, 0.2848, 0.3410)

Have a look what the booklet for
Yxy(39.0444, 0.2848, 0.3410)
contains.

Yxy(39.0287, 0.2846, 0.3409)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.0287, 0.2846, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	87B0A8
RGB	135, 176, 168
RGB Percent	53%, 69%, 66%
CMY	0.4707, 0.3098, 0.3411
CMYK	0.23, 0.00, 0.05, 0.31
HSL	168°, 21%, 61%
HSV	168°, 23%, 69%
XYZ	32.5831, 39.0287, 42.8755
YIQ	162.8290, -21.8680, -11.1800

Conversions

Conversions Part 2

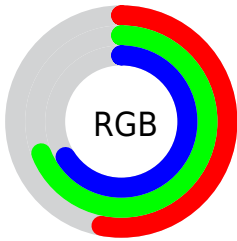
Format	Color
RYB	135, 158, 176
Decimal	8892584
CIELab	68.77, -15.46, -0.43
CIELCh	69, 15.467, 181.609
Yxy	39.0287, 0.2846, 0.3409
Android (android.graphics.Color)	4287082664 (0xFF87B0A8)
YUV	162.8290, 2.5493, -24.4060
Hunter-Lab	62.4730, -16.2301, 3.0401

Details

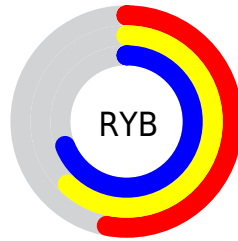
The Yxy color **39.0287, 0.2846, 0.3409** is a light color, and the websafe version is hex **669999**. A complement of this color would be **28.5319, 0.3508, 0.3175**, and the grayscale version is **36.5352, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8598, 0.2901, 0.3392**, and **17.3117, 0.2760, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **37.5635, 0.2739, 0.3468**, and if you desaturate by 10%, it is **40.7418, 0.2962, 0.3355**.

Distribution



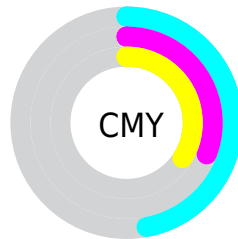
- Red (53%)
- Green (69%)
- Blue (66%)



- Red (53%)
- Yellow (62%)
- Blue (69%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (31%)




- Cyan (47%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.0287, 0.2846, 0.3409 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 39.0287, 0.2846, 0.3409 by changing the saturation by 10% instead.


 39.0287, 0.2846,
0.3409


 39.0287, 0.2846,
0.3409


342.0125, 0.2990,
0.3348

 26.7821, 0.2809,
0.3425

 73.6822, 0.2899,
0.3387

 17.4096, 0.2760,
0.3445


 96.8578, 0.2919,
0.3378

 10.5270, 0.2694,
0.3473


 124.4451, 0.2936,
0.3371

 5.7497, 0.2599,
0.3512

156.8287, 0.2950,
0.3365

 2.6935, 0.2450,
0.3574

194.3928, 0.2962,
0.3360

 0.9739, 0.2088,
0.3728

237.5219, 0.2973,

 0.0000, 0.0000,

0.3356

0.0000

286.6003, 0.2982,
0.3352

■ 39.0287, 0.2846,
0.3409

■ 39.0287, 0.2846,
0.3409

■ 37.5635, 0.2739,
0.3468

■ 40.7418, 0.2962,
0.3355

■ 36.3296, 0.2643,
0.3530

■ 42.7090, 0.3085,
0.3305

■ 35.3155, 0.2563,
0.3596

■ 44.9423, 0.3212,
0.3261

■ 34.5073, 0.2499,
0.3664

■ 47.4516, 0.3341,
0.3221

■ 33.8890, 0.2454,
0.3733

■ 50.2460, 0.3469,
0.3185

■ 33.4425, 0.2428,
0.3803

■ 53.3346, 0.3595,
0.3154

■ 33.1462, 0.2420,
0.3873

■ 56.1187, 0.3690,
0.3125

■ 33.0004, 0.2422,
0.3919

■ 56.2721, 0.3660,
0.3089

■ 56.4292, 0.3629,
0.3054

Harmonies

Analogous

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



39.0287, 0.3050, 0.3596



39.0287, 0.2846, 0.3409



39.0287, 0.2719, 0.3193

Triad

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



39.0287, 0.2846, 0.3409



39.0287, 0.2963, 0.2919



39.0287, 0.3577, 0.3545

Complementary

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



39.0287, 0.2846, 0.3409



28.5319, 0.3508, 0.3175

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.



39.0287, 0.3554, 0.3362



39.0287, 0.2846, 0.3409



39.0287, 0.3193, 0.3010

Square

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



39.0287, 0.2846, 0.3409



39.0287, 0.2784, 0.2919



39.0287, 0.3411, 0.3169



39.0287, 0.3475, 0.3669

Rectangle

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



39.0287, 0.2846, 0.3409



39.0287, 0.2691, 0.3067



39.0287, 0.3411, 0.3169



39.0287, 0.3583, 0.3488

Sweetspot

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



39.0303, 0.2846, 0.3409



76.0387, 0.3038, 0.3324



38.6576, 0.3169, 0.3919



16.4339, 0.3031, 0.3326



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.



39.0303, 0.2846, 0.3409



69.3509, 0.2789, 0.3439



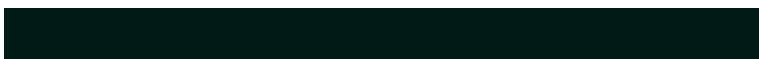
34.7255, 0.2774, 0.3103



9.6027, 0.3011, 0.3335



24.2189, 0.2420, 0.3912



0.7693, 0.2366, 0.3718

Inverse Universe

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



28.5319, 0.3508, 0.3175



46.9410, 0.3620, 0.3148



31.9343, 0.3559, 0.3470



8.5314, 0.3257, 0.3246



6.8647, 0.6059, 0.3111



0.2239, 0.5328, 0.2709

Previews

White Background



This preview shows how the Yxy color 39.0287, 0.2846, 0.3409 looks on a white background.

Color Contrast Check

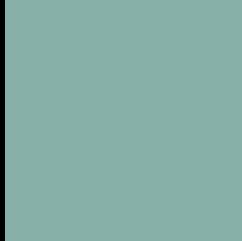
Large Text (above 18pt) WCAG AA × Fail

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 39.0287, 0.2846, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

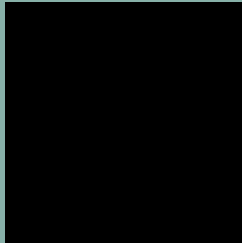
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

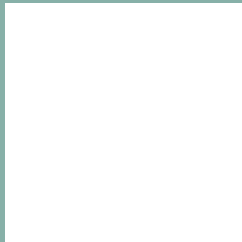
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.0287, 0.2846, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 39.0287, 0.2846, 0.3409.



This preview shows how white text looks on a background with the Yxy color 39.0287, 0.2846, 0.3409.

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

39.0287, 0.2846, 0.3409

Protanopia

38.9397, 0.3199, 0.3346

Deuteranopia

38.7260, 0.3237, 0.3169



Tritanopia

38.9640, 0.2738, 0.3087

Trichromacy



Original Color

39.0287, 0.2846, 0.3409

Protanomaly

38.7352, 0.3061, 0.3362

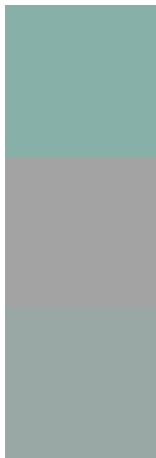
Deuteranomaly

38.5390, 0.3083, 0.3248

Tritanomaly

38.9707, 0.2781, 0.3201

Monochromacy



Original Color

39.0287, 0.2846, 0.3409

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.4942, 0.3017, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.0287, 0.2846, 0.3409 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(135, 176, 168)` looks like.

```
.text, #text, p{  
    color:rgb(135, 176, 168)  
}
```

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(135, 176, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 176, 168) }
```

Border

The CSS property to change the border of an element to Yxy 39.0287, 0.2846, 0.3409 is called "border". The border property can be set on classes, ids or directly on the HTML element.

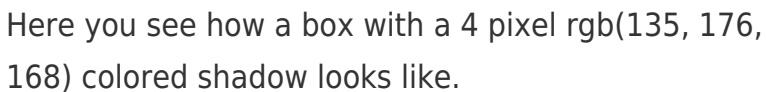
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 176, 168) }
```

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

```
.border{ border-color:rgb(135, 176, 168) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 176, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(135, 176, 168); -webkit-box-shadow:4px 4px 4px 4px rgb(135, 176, 168); box-shadow:4px 4px 4px 4px rgb(135, 176, 168) }
```


Background

The CSS property to change the background color of an element to Yxy 39.0287, 0.2846, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 176, 168) }
```

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

```
.background{ background-color: rgb(135,  
176, 168) }
```

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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