

Converting Colors

$Yxy(39.2693, 0.2799, 0.3615)$

Have a look what the booklet for
Yxy(39.2693, 0.2799, 0.3615)
contains.

Yxy(39.1388, 0.2802, 0.3617)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.1388, 0.2802, 0.3617)

Conversions

Conversions Part 1

Format	Color
Hex	78B49F
RGB	120, 180, 159
RGB Percent	47%, 71%, 62%
CMY	0.5296, 0.2941, 0.3765
CMYK	0.33, 0.00, 0.12, 0.29
HSL	159°, 29%, 59%
HSV	159°, 33%, 71%
XYZ	30.3199, 39.1388, 38.7493
YIQ	159.6660, -29.0190, -19.2510

Conversions

Conversions Part 2

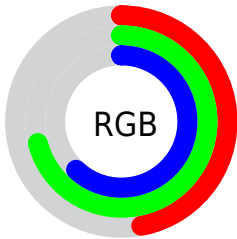
Format	Color
RYB	120, 156, 180
Decimal	7910559
CIELab	68.85, -24.10, 4.57
CIELCh	69, 24.531, 169.275
Yxy	39.1388, 0.2802, 0.3617
Android (android.graphics.Color)	4286100639 (0xFF78B49F)
YUV	159.6660, -0.3283, -34.7871
Hunter-Lab	62.5610, -22.9727, 7.0695

Details

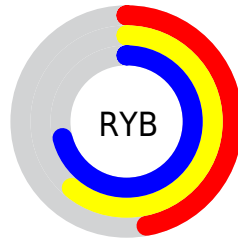
The Yxy color **39.1388, 0.2802, 0.3617** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.0519, 0.3620, 0.2988**, and the grayscale version is **35.0004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.8446, 0.2863, 0.3547**, and **17.4904, 0.2694, 0.3716** is the 20% darker color. If you saturate the color by 10%, you get **37.7592, 0.2722, 0.3734**, and if you desaturate by 10%, it is **40.7747, 0.2892, 0.3508**.

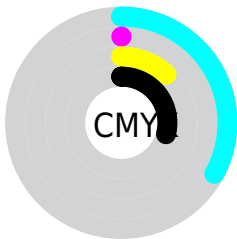
Distribution



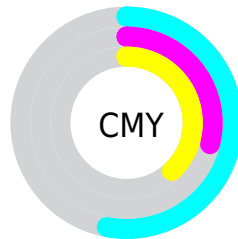
- Red (47%)
- Green (71%)
- Blue (62%)



- Red (47%)
- Yellow (61%)
- Blue (71%)



- Cyan (33%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (53%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1388, 0.2802, 0.3617 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 39.1388, 0.2802, 0.3617 by changing the saturation by 10% instead.


 39.1388, 0.2802,
0.3617


 39.1388, 0.2802,
0.3617


342.4802, 0.2971,
0.3446


 26.8677, 0.2758,
0.3663


 73.8503, 0.2865,
0.3553

 17.4739, 0.2700,
0.3723


 97.0595, 0.2888,
0.3529

 10.5729, 0.2620,
0.3807


 124.6836, 0.2907,
0.3509

 5.7805, 0.2505,
0.3930

157.1069, 0.2924,
0.3493

 2.7120, 0.2323,
0.4130

194.7138, 0.2938,
0.3479

 0.9833, 0.1654,
0.4741

237.8887, 0.2950,

 0.0000, 0.0000,

0.3466

0.0000

287.0161, 0.2961,
0.3455

■ 39.1388, 0.2802,
0.3617

■ 39.1388, 0.2802,
0.3617

■ 37.7592, 0.2722,
0.3734

■ 40.7747, 0.2892,
0.3508

■ 36.6174, 0.2655,
0.3859

■ 42.6747, 0.2990,
0.3409

■ 35.6997, 0.2604,
0.3988


■ 44.8524, 0.3092,
0.3318


■ 34.9894, 0.2571,
0.4122


■ 47.3187, 0.3197,
0.3237

■ 34.4671, 0.2558,
0.4256


■ 50.0842, 0.3301,
0.3165


 34.1095, 0.2565,
0.4389

 53.1589, 0.3405,
0.3101

 33.9310, 0.2577,
0.4476

 56.5522, 0.3506,
0.3045

 58.5313, 0.3529,
0.2988

 58.8506, 0.3475,
0.2925

Harmonies

Analogous

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



39.1388, 0.3148, 0.3873



39.1388, 0.2802, 0.3617



39.1388, 0.2552, 0.3267

Triad

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



39.1388, 0.2802, 0.3617



39.1388, 0.2738, 0.2698



39.1388, 0.3853, 0.3565

Complementary

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



39.1388, 0.2802, 0.3617



25.0519, 0.3620, 0.2988

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.



39.1388, 0.3734, 0.3267



39.1388, 0.2802, 0.3617



39.1388, 0.3072, 0.2786

Square

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



39.1388, 0.2802, 0.3617



39.1388, 0.2518, 0.2750



39.1388, 0.3441, 0.2990



39.1388, 0.3764, 0.3815

Rectangle

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



39.1388, 0.2802, 0.3617



39.1388, 0.2467, 0.3045



39.1388, 0.3441, 0.2990



39.1388, 0.3836, 0.3467

Sweetspot

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



39.1404, 0.2802, 0.3617



78.5696, 0.3022, 0.3379



39.7516, 0.3269, 0.4210



16.8676, 0.3008, 0.3392



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



39.1404, 0.2802, 0.3617



69.0814, 0.2742, 0.3702



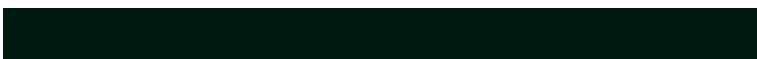
36.7934, 0.2645, 0.3167



9.5800, 0.3031, 0.3371



23.6914, 0.2572, 0.4460



0.7560, 0.2470, 0.4093

Inverse Universe

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



25.0519, 0.3620, 0.2988



39.6145, 0.3776, 0.2921



26.4905, 0.3851, 0.3409



8.5528, 0.3234, 0.3211



7.0347, 0.5540, 0.2826



0.2327, 0.4756, 0.2394

Previews

White Background



This preview shows how the Yxy color 39.1388, 0.2802, 0.3617 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 39.1388, 0.2802, 0.3617 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

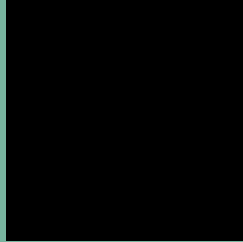
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

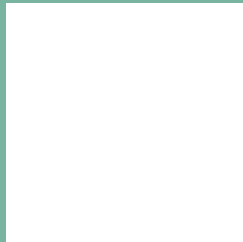
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.1388, 0.2802, 0.3617

Background



This preview shows how black text looks on a background with the Yxy color 39.1388, 0.2802, 0.3617.



This preview shows how white text looks on a background with the Yxy color 39.1388, 0.2802, 0.3617.

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

39.1388, 0.2802, 0.3617

Protanopia

38.9031, 0.3325, 0.3501

Deuteranopia

38.7993, 0.3340, 0.3277



Tritanopia

39.2804, 0.2636, 0.3084

Trichromacy



Original Color

39.1388, 0.2802, 0.3617

Protanomaly

38.7416, 0.3106, 0.3540

Deuteranomaly

38.5616, 0.3113, 0.3391

Tritanomaly

38.9840, 0.2689, 0.3259

Monochromacy



Original Color

39.1388, 0.2802, 0.3617

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.1952, 0.2987, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1388, 0.2802, 0.3617 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(120, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(120, 180, 159)  
}
```

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(120, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 180, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.1388, 0.2802, 0.3617 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(120, 180, 159) }
```

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

```
.border{ border-color:rgb(120, 180, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(120, 180, 159); -webkit-box-shadow:4px 4px 4px 4px rgb(120, 180, 159); box-shadow:4px 4px 4px 4px rgb(120, 180, 159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1388, 0.2802, 0.3617 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 180, 159) }
```

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

```
.background{ background-color: rgb(120,  
180, 159) }
```

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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