

Converting Colors

$Yxy(39.3395, 0.2827, 0.3614)$

Have a look what the booklet for
Yxy(39.3395, 0.2827, 0.3614)
contains.

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Color

Yxy(39.3567, 0.2824, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	7BB49F
RGB	123, 180, 159
RGB Percent	48%, 71%, 62%
CMY	0.5177, 0.2941, 0.3765
CMYK	0.32, 0.00, 0.12, 0.29
HSL	158°, 28%, 59%
HSV	158°, 32%, 71%
XYZ	30.7450, 39.3567, 38.7688
YIQ	160.5630, -27.2310, -18.6150

Conversions

Conversions Part 2

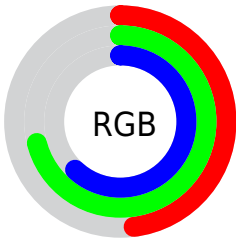
Format	Color
RYB	123, 158, 180
Decimal	8107167
CIELab	69.01, -23.19, 4.81
CIELCh	69, 23.684, 168.276
Yxy	39.3567, 0.2824, 0.3615
Android (android.graphics.Color)	4286297247 (0xFF7BB49F)
YUV	160.5630, -0.7706, -32.9428
Hunter-Lab	62.7349, -22.3071, 7.2745

Details

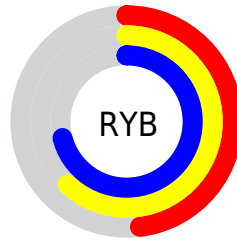
The Yxy color **39.3567, 0.2824, 0.3615** is a light color, and the websafe version is hex **669999**. A complement of this color would be **25.8814, 0.3574, 0.2989**, and the grayscale version is **35.4396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.1931, 0.2880, 0.3546**, and **17.6392, 0.2729, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **37.9264, 0.2744, 0.3737**, and if you desaturate by 10%, it is **41.0466, 0.2914, 0.3502**.

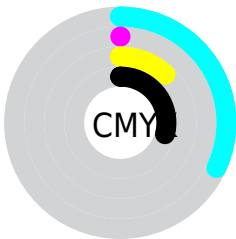
Distribution



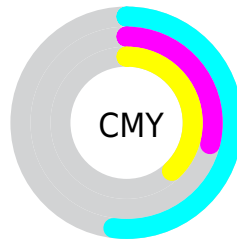
- Red (48%)
- Green (71%)
- Blue (62%)



- Red (48%)
- Yellow (62%)
- Blue (71%)



- Cyan (32%)
- Magenta (0%)
- Yellow (12%)
- Black (29%)





- Cyan (52%)
- Magenta (29%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.3567, 0.2824, 0.3615 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 39.3567, 0.2824, 0.3615 by changing the saturation by 10% instead.


 39.3567, 0.2824,
0.3615


 39.3567, 0.2824,
0.3615


343.4047, 0.2981,
0.3445


 27.0373, 0.2783,
0.3660

 74.1829, 0.2883,
0.3551

 17.6013, 0.2729,
0.3720


 97.4586, 0.2904,
0.3528

 10.6641, 0.2655,
0.3803


 125.1551, 0.2922,
0.3508

 5.8414, 0.2547,
0.3926

157.6569, 0.2938,
0.3492

 2.7489, 0.2376,
0.4124

195.3483, 0.2951,
0.3477

 1.0021, 0.1790,
0.4697

238.6138, 0.2962,

 0.0000, 0.0000,

0.3465

0.0000

287.8378, 0.2972,
0.3454

■ 39.3567, 0.2824,
0.3615

■ 39.3567, 0.2824,
0.3615

■ 37.9264, 0.2744,
0.3737

■ 41.0466, 0.2914,
0.3502

■ 36.7374, 0.2676,
0.3868

■ 43.0040, 0.3010,
0.3398

■ 35.7764, 0.2624,
0.4004

■ 45.2421, 0.3110,
0.3305

■ 35.0268, 0.2590,
0.4145


■ 47.7719, 0.3212,
0.3221


■ 34.4697, 0.2575,
0.4287


■ 50.6039, 0.3314,
0.3147


 34.0827, 0.2580,
0.4428

 53.7480, 0.3414,
0.3081

 33.8521, 0.2595,
0.4543

 57.2135, 0.3512,
0.3023

 58.6632, 0.3506,
0.2961

 59.0053, 0.3450,
0.2895

Harmonies

Analogous

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



39.3567, 0.3160, 0.3856



39.3567, 0.2824, 0.3615



39.3567, 0.2578, 0.3280

Triad

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



39.3567, 0.2824, 0.3615



39.3567, 0.2743, 0.2717



39.3567, 0.3826, 0.3547

Complementary

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



39.3567, 0.2824, 0.3615



25.8814, 0.3574, 0.2989

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.



39.3567, 0.3704, 0.3259



39.3567, 0.2824, 0.3615



39.3567, 0.3063, 0.2798

Square

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



39.3567, 0.2824, 0.3615



39.3567, 0.2534, 0.2774



39.3567, 0.3419, 0.2992



39.3567, 0.3747, 0.3791

Rectangle

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



39.3567, 0.2824, 0.3615



39.3567, 0.2492, 0.3065



39.3567, 0.3419, 0.2992



39.3567, 0.3807, 0.3453

Sweetspot

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



39.3583, 0.2824, 0.3615



78.5457, 0.3025, 0.3384



40.0811, 0.3271, 0.4156



16.8617, 0.3011, 0.3397



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.



39.3583, 0.2824, 0.3615



69.5002, 0.2767, 0.3700



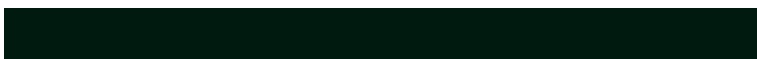
37.5293, 0.2669, 0.3188



9.5773, 0.3033, 0.3375



23.6378, 0.2591, 0.4526



0.7545, 0.2483, 0.4139

Inverse Universe

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



25.8814, 0.3574, 0.2989



41.2107, 0.3713, 0.2921



27.0040, 0.3807, 0.3389



8.5554, 0.3231, 0.3206



7.0619, 0.5468, 0.2786



0.2337, 0.4700, 0.2363

Previews

White Background



This preview shows how the Yxy color 39.3567, 0.2824, 0.3615 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 39.3567, 0.2824, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

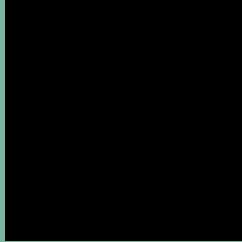
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.3567, 0.2824, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 39.3567, 0.2824, 0.3615.



This preview shows how white text looks on a background with the Yxy color 39.3567, 0.2824, 0.3615.

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

39.3567, 0.2824, 0.3615

Protanopia

38.9031, 0.3325, 0.3501

Deuteranopia

38.9241, 0.3349, 0.3277



Tritanopia

39.5142, 0.2656, 0.3085

Trichromacy



Original Color

39.3567, 0.2824, 0.3615

Protanomaly

38.8402, 0.3115, 0.3540

Deuteranomaly

38.7711, 0.3132, 0.3390

Tritanomaly

39.2110, 0.2710, 0.3259

Monochromacy



Original Color

39.3567, 0.2824, 0.3615

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.7464, 0.3005, 0.3410

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.3567, 0.2824, 0.3615 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(123, 180, 159)` looks like.

```
.text, #text, p{  
    color:rgb(123, 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(123, 180, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 180, 159) }
```

Border

The CSS property to change the border of an element to Yxy 39.3567, 0.2824, 0.3615 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(123, 180, 159) }
```

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

```
.border{ border-color:rgb(123, 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(123, 180, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 180, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 180, 159);  
box-shadow:4px 4px 4px 4px rgb(123, 180,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 39.3567, 0.2824, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 180, 159) }
```

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

```
.background{ background-color: rgb(123,  
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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