

Converting Colors

$Yxy(39.5470, 0.2824, 0.3663)$

Have a look what the booklet for
Yxy(39.5470, 0.2824, 0.3663)
contains.

Yxy(39.5470, 0.2824, 0.3663)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.5470, 0.2824, 0.3663)

Conversions

Conversions Part 1

Format	Color
Hex	79B59D
RGB	121, 181, 157
RGB Percent	47%, 71%, 62%
CMY	0.5257, 0.2901, 0.3843
CMYK	0.33, 0.00, 0.13, 0.29
HSL	156°, 29%, 59%
HSV	156°, 33%, 71%
XYZ	30.4889, 39.5470, 37.9275
YIQ	160.3240, -28.0560, -20.1840

Conversions

Conversions Part 2

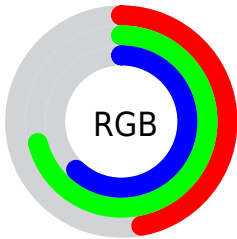
Format	Color
RYB	121, 159, 181
Decimal	7976349
CIELab	69.15, -24.74, 6.08
CIElCh	69, 25.472, 166.188
Yxy	39.5470, 0.2824, 0.3663
Android (android.graphics.Color)	4286166429 (0xFF79B59D)
YUV	160.3240, -1.6387, -34.4871
Hunter-Lab	62.8864, -23.5100, 8.2620

Details

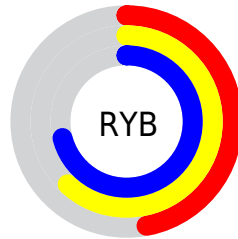
The Yxy color **39.5470, 0.2824, 0.3663** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **25.5284, 0.3580, 0.2948**, and the grayscale version is **35.3237, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4358, 0.2880, 0.3582**, and **17.7442, 0.2723, 0.3783** is the 20% darker color. If you saturate the color by 10%, you get **38.1222, 0.2749, 0.3798**, and if you desaturate by 10%, it is **41.2350, 0.2909, 0.3538**.

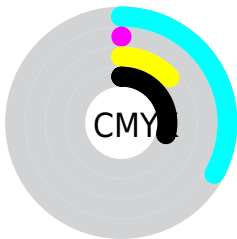
Distribution



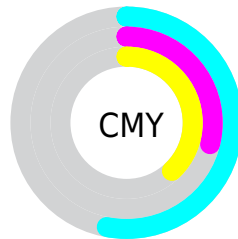
- Red (47%)
- Green (71%)
- Blue (62%)



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



- Cyan (33%)
- Magenta (0%)
- Yellow (13%)
- Black (29%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5470, 0.2824, 0.3663 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 39.5470, 0.2824, 0.3663 by changing the saturation by 10% instead.


 39.5470, 0.2824,
0.3663

 39.5470, 0.2824,
0.3663


344.2105, 0.2982,
0.3467

 27.1855, 0.2783,
0.3715


 74.4732, 0.2883,
0.3589

 17.7126, 0.2728,
0.3785

 97.8067, 0.2904,
0.3562

 10.7439, 0.2653,
0.3881


 125.5664, 0.2923,
0.3540

 5.8949, 0.2544,
0.4024

158.1366, 0.2938,
0.3521

 2.7813, 0.2370,
0.4256

195.9017, 0.2951,
0.3504

 1.0186, 0.1745,
0.4958

239.2461, 0.2963,

 0.0000, 0.0000,

0.3490

0.0000

288.5543, 0.2973,
0.3478

■ 39.5470, 0.2824,
0.3663

■ 39.5470, 0.2824,
0.3663

■ 38.1222, 0.2749,
0.3798

■ 41.2350, 0.2909,
0.3538

■ 36.9417, 0.2686,
0.3942

■ 43.1943, 0.3001,
0.3424

■ 35.9918, 0.2639,
0.4092


■ 45.4386, 0.3096,
0.3321


■ 35.2553, 0.2610,
0.4246


■ 47.9791, 0.3194,
0.3228


■ 34.7125, 0.2601,
0.4400


■ 50.8265, 0.3291,
0.3146

 34.3399, 0.2611,
0.4553

 53.9911, 0.3387,
0.3074

 34.1506, 0.2626,
0.4654

 57.4824, 0.3480,
0.3010

 59.2133, 0.3480,
0.2943

 59.5932, 0.3420,
0.2872

Harmonies

Analogous

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



39.5470, 0.3187, 0.3912



39.5470, 0.2824, 0.3663



39.5470, 0.2553, 0.3303

Triad

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



39.5470, 0.2824, 0.3663



39.5470, 0.2695, 0.2677



39.5470, 0.3876, 0.3542

Complementary

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



39.5470, 0.2824, 0.3663



25.5284, 0.3580, 0.2948

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.



39.5470, 0.3731, 0.3234



39.5470, 0.2824, 0.3663



39.5470, 0.3031, 0.2754

Square

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



39.5470, 0.2824, 0.3663



39.5470, 0.2483, 0.2746



39.5470, 0.3414, 0.2954



39.5470, 0.3805, 0.3810

Rectangle

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



39.5470, 0.2824, 0.3663



39.5470, 0.2454, 0.3069



39.5470, 0.3414, 0.2954



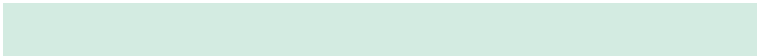
39.5470, 0.3851, 0.3440

Sweetspot

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



39.5486, 0.2824, 0.3663



78.5060, 0.3029, 0.3392



40.4494, 0.3286, 0.4200



16.8521, 0.3016, 0.3406



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.



39.5486, 0.2824, 0.3663



68.8654, 0.2767, 0.3763



38.0599, 0.2651, 0.3198



9.5729, 0.3037, 0.3383



23.5527, 0.2621, 0.4636



0.7522, 0.2504, 0.4216

Inverse Universe

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



25.5284, 0.3580, 0.2948



39.7980, 0.3726, 0.2870



26.3697, 0.3856, 0.3379



8.5597, 0.3227, 0.3199



7.1107, 0.5344, 0.2718



0.2354, 0.4609, 0.2313

Previews

White Background



This preview shows how the Yxy color 39.5470, 0.2824, 0.3663 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 39.5470, 0.2824, 0.3663 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

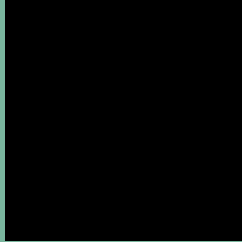
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5470, 0.2824, 0.3663

Background



This preview shows how black text looks on a background with the Yxy color 39.5470, 0.2824, 0.3663.

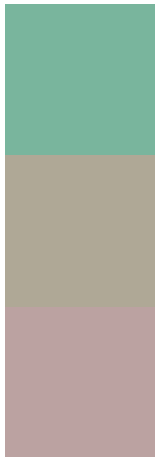


This preview shows how white text looks on a background with the Yxy color 39.5470, 0.2824, 0.3663.

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

39.5470, 0.2824, 0.3663

Protanopia

39.3212, 0.3350, 0.3543

Deuteranopia

38.9787, 0.3378, 0.3304



Tritanopia

39.3576, 0.2642, 0.3084

Trichromacy



Original Color

39.5470, 0.2824, 0.3663

Protanomaly

39.1556, 0.3131, 0.3584

Deuteranomaly

38.7005, 0.3149, 0.3419

Tritanomaly

39.4151, 0.2705, 0.3289

Monochromacy



Original Color

39.5470, 0.2824, 0.3663

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

36.6195, 0.3004, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5470, 0.2824, 0.3663 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(121, 181, 157)` looks like.

```
.text, #text, p{  
    color:rgb(121, 181, 157)  
}
```

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(121, 181, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 181, 157) }
```

Border

The CSS property to change the border of an element to Yxy 39.5470, 0.2824, 0.3663 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(121, 181, 157) }
```

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

```
.border{ border-color:rgb(121, 181, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 181, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 181, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 181, 157);  
box-shadow:4px 4px 4px 4px rgb(121, 181,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5470, 0.2824, 0.3663 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 181, 157) }
```

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

```
.background{ background-color: rgb(121,  
181, 157) }
```

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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