

Converting Colors

$Yxy(39.3953, 0.2968, 0.3788)$

Have a look what the booklet for
Yxy(39.3953, 0.2968, 0.3788)
contains.

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Color

Yxy(39.5744, 0.2972, 0.3800)

Conversions

Conversions Part 1

Format	Color
Hex	83B493
RGB	131, 180, 147
RGB Percent	51%, 71%, 58%
CMY	0.4862, 0.2941, 0.4235
CMYK	0.27, 0.00, 0.18, 0.29
HSL	140°, 25%, 61%
HSV	140°, 27%, 71%
XYZ	30.9513, 39.5744, 33.6174
YIQ	161.5870, -18.6110, -20.6510

Conversions

Conversions Part 2

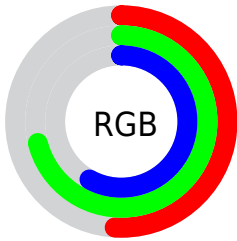
Format	Color
RYB	131, 168, 180
Decimal	8631443
CIELab	69.17, -23.10, 11.66
CIELCh	69, 25.875, 153.213
Yxy	39.5744, 0.2972, 0.3800
Android (android.graphics.Color)	4286821523 (0xFF83B493)
YUV	161.5870, -7.1914, -26.8248
Hunter-Lab	62.9082, -22.2659, 12.3518

Details

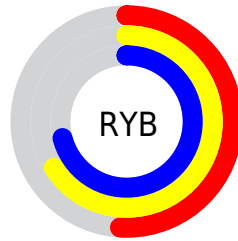
The Yxy color **39.5744, 0.2972, 0.3800** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **28.6226, 0.3326, 0.2830**, and the grayscale version is **35.9722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.5222, 0.3004, 0.3698**, and **17.7287, 0.2921, 0.3980** is the 20% darker color. If you saturate the color by 10%, you get **37.9004, 0.2921, 0.4026**, and if you desaturate by 10%, it is **41.5415, 0.3028, 0.3595**.

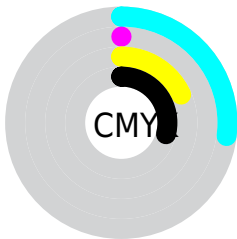
Distribution



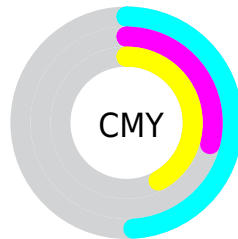
- Red (51%)
- Green (71%)
- Blue (58%)



- Red (51%)
- Yellow (66%)
- Blue (71%)



- Cyan (27%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)




- Cyan (49%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5744, 0.2972, 0.3800 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 39.5744, 0.2972, 0.3800 by changing the saturation by 10% instead.


 39.5744, 0.2972,
0.3800


 39.5744, 0.2972,
0.3800


344.3265, 0.3056,
0.3529


 27.2069, 0.2949,
0.3873


 74.5150, 0.3004,
0.3698

 17.7286, 0.2917,
0.3971


 97.8568, 0.3016,
0.3660

 10.7553, 0.2873,
0.4107


 125.6256, 0.3025,
0.3629

 5.9026, 0.2805,
0.4310

158.2056, 0.3033,
0.3603

 2.7859, 0.2689,
0.4646

195.9813, 0.3040,
0.3581

 1.0210, 0.2341,
0.5967

239.3371, 0.3046,

 0.0000, 0.0000,

0.3561

0.0000

288.6573, 0.3051,
0.3544

■ 39.5744, 0.2972,
0.3800

■ 39.5744, 0.2972,
0.3800

■ 37.9004, 0.2921,
0.4026

■ 41.5415, 0.3028,
0.3595

■ 36.5003, 0.2877,
0.4268

■ 43.8100, 0.3085,
0.3410

■ 35.3606, 0.2844,
0.4523

■ 46.3938, 0.3143,
0.3246

■ 34.4642, 0.2824,
0.4781

■ 49.3045, 0.3200,
0.3102

■ 33.7922, 0.2820,
0.5033

■ 52.5531, 0.3255,
0.2976

■ 33.3225, 0.2833,
0.5268

■ 56.1503, 0.3308,
0.2866

■ 33.0238, 0.2861,
0.5474

■ 59.7205, 0.3341,
0.2767

■ 32.9552, 0.2869,
0.5527

■ 60.4329, 0.3245,
0.2654

■ 61.1217, 0.3162,
0.2556

Harmonies

Analogous

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



39.5744, 0.3352, 0.3969



39.5744, 0.2972, 0.3800



39.5744, 0.2647, 0.3466

Triad

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



39.5744, 0.2972, 0.3800



39.5744, 0.2577, 0.2679



39.5744, 0.3850, 0.3411

Complementary

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



39.5744, 0.2972, 0.3800



28.6226, 0.3326, 0.2830

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.



39.5744, 0.3617, 0.3103



39.5744, 0.2972, 0.3800



39.5744, 0.2870, 0.2696

Square

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



39.5744, 0.2972, 0.3800



39.5744, 0.2430, 0.2817



39.5744, 0.3251, 0.2848



39.5744, 0.3873, 0.3710

Rectangle

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



39.5744, 0.2972, 0.3800



39.5744, 0.2500, 0.3216



39.5744, 0.3251, 0.2848



39.5744, 0.3793, 0.3306

Sweetspot

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



39.5761, 0.2972, 0.3800



79.0330, 0.3080, 0.3426



42.2258, 0.3387, 0.3991



16.9433, 0.3071, 0.3453



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.



39.5761, 0.2972, 0.3800



69.7709, 0.2939, 0.3941



40.4100, 0.2799, 0.3423



9.5343, 0.3073, 0.3447



23.0124, 0.2862, 0.5505



0.7351, 0.2696, 0.4904

Inverse Universe

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



28.6226, 0.3326, 0.2830



46.3890, 0.3386, 0.2719



27.8356, 0.3598, 0.3162



8.5986, 0.3186, 0.3138



7.7523, 0.4229, 0.2103



0.2541, 0.3881, 0.1912

Previews

White Background



This preview shows how the Yxy color 39.5744, 0.2972, 0.3800 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 39.5744, 0.2972, 0.3800 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

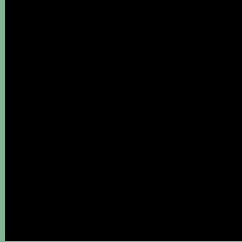
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

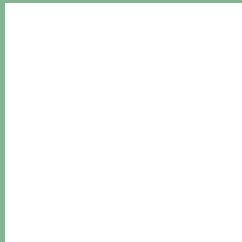
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5744, 0.2972, 0.3800

Background



This preview shows how black text looks on a background with the Yxy color 39.5744, 0.2972, 0.3800.



This preview shows how white text looks on a background with the Yxy color 39.5744, 0.2972, 0.3800.

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

39.5744, 0.2972, 0.3800

Protanopia

39.2755, 0.3451, 0.3669

Deuteranopia

39.1514, 0.3512, 0.3438



Tritanopia

39.3919, 0.2732, 0.3087

Trichromacy



Original Color

39.5744, 0.2972, 0.3800

Protanomaly

38.9618, 0.3262, 0.3715

Deuteranomaly

39.0130, 0.3291, 0.3561

Tritanomaly

39.3020, 0.2818, 0.3334

Monochromacy



Original Color

39.5744, 0.2972, 0.3800

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

37.3896, 0.3065, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5744, 0.2972, 0.3800 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(131, 180, 147)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 147)  
}
```

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(131, 180, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.5744, 0.2972, 0.3800 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(131, 180, 147) }
```

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

```
.border{ border-color:rgb(131, 180, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 147);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5744, 0.2972, 0.3800 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 147) }
```

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

```
.background{ background-color: rgb(131,  
180, 147) }
```

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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