

Converting Colors

$Y_{xy}(39.7997, 0.2960, 0.3580)$

Have a look what the booklet for
Yxy(39.7997, 0.2960, 0.3580)
contains.

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Color

Yxy(39.8849, 0.2962, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	8CB29E
RGB	140, 178, 158
RGB Percent	55%, 70%, 62%
CMY	0.4509, 0.3020, 0.3804
CMYK	0.21, 0.00, 0.11, 0.30
HSL	148°, 20%, 62%
HSV	148°, 21%, 70%
XYZ	32.9078, 39.8849, 38.3073
YIQ	164.3580, -16.2280, -14.2760

Conversions

Conversions Part 2

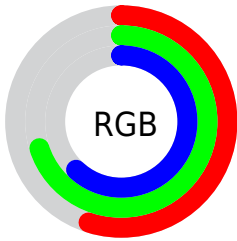
Format	Color
RYB	140, 166, 178
Decimal	9220766
CIELab	69.39, -16.96, 6.03
CIELCh	69, 17.996, 160.423
Yxy	39.8849, 0.2962, 0.3590
Android (android.graphics.Color)	4287410846 (0xFF8CB29E)
YUV	164.3580, -3.1345, -21.3620
Hunter-Lab	63.1545, -17.5096, 8.2449

Details

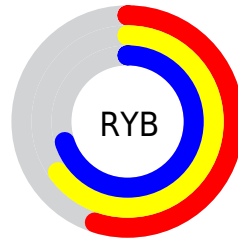
The Yxy color **39.8849, 0.2962, 0.3590** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **30.7638, 0.3333, 0.3008**, and the grayscale version is **37.3263, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.1191, 0.2991, 0.3528**, and **17.8526, 0.2904, 0.3675** is the 20% darker color. If you saturate the color by 10%, you get **38.1525, 0.2890, 0.3755**, and if you desaturate by 10%, it is **41.8955, 0.3038, 0.3441**.

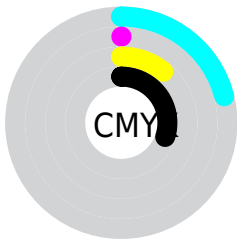
Distribution



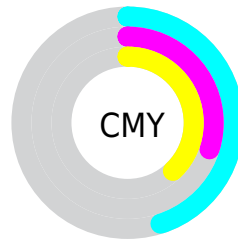
- Red (55%)
- Green (70%)
- Blue (62%)



- Red (55%)
- Yellow (65%)
- Blue (70%)



- Cyan (21%)
- Magenta (0%)
- Yellow (11%)
- Black (30%)





- Cyan (45%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.8849, 0.2962, 0.3590 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 39.8849, 0.2962, 0.3590 by changing the saturation by 10% instead.


 39.8849, 0.2962,
0.3590


 39.8849, 0.2962,
0.3590


345.6382, 0.3048,
0.3433

 27.4488, 0.2939,
0.3632


 74.9882, 0.2994,
0.3531

 17.9106, 0.2909,
0.3687


 98.4242, 0.3006,
0.3510

 10.8858, 0.2868,
0.3763


 126.2957, 0.3016,
0.3492

 5.9901, 0.2807,
0.3876

158.9869, 0.3024,
0.3476

 2.8391, 0.2708,
0.4058

196.8824, 0.3032,
0.3463

 1.0483, 0.2461,
0.4495

240.3666, 0.3038,

 0.0000, 0.0000,

0.3452

0.0000

289.8237, 0.3043,
0.3442

■ 39.8849, 0.2962,
0.3590

■ 39.8849, 0.2962,
0.3590

■ 38.1525, 0.2890,
0.3755

■ 41.8955, 0.3038,
0.3441

■ 36.6806, 0.2826,
0.3934

■ 44.1909, 0.3117,
0.3307

■ 35.4573, 0.2773,
0.4125

■ 46.7838, 0.3195,
0.3188

■ 34.4680, 0.2734,
0.4326

■ 49.6847, 0.3273,
0.3083

■ 33.6960, 0.2711,
0.4531

■ 52.9036, 0.3349,
0.2990

■ 33.1226, 0.2707,
0.4735

■ 56.4498, 0.3422,
0.2910

■ 32.7258, 0.2723,
0.4931

■ 58.4632, 0.3411,
0.2826

■ 32.4856, 0.2748,
0.5092

■ 58.9850, 0.3334,
0.2737

■ 59.5352, 0.3259,
0.2649

Harmonies

Analogous

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



39.8849, 0.3226, 0.3738



39.8849, 0.2962, 0.3590



39.8849, 0.2749, 0.3353

Triad

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



39.8849, 0.2962, 0.3590



39.8849, 0.2783, 0.2852



39.8849, 0.3644, 0.3436

Complementary

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



39.8849, 0.2962, 0.3590



30.7638, 0.3333, 0.3008

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.



39.8849, 0.3516, 0.3213



39.8849, 0.2962, 0.3590



39.8849, 0.3012, 0.2885

Square

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



39.8849, 0.2962, 0.3590



39.8849, 0.2649, 0.2929



39.8849, 0.3281, 0.3016



39.8849, 0.3626, 0.3633

Rectangle

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



39.8849, 0.2962, 0.3590



39.8849, 0.2661, 0.3186



39.8849, 0.3281, 0.3016



39.8849, 0.3617, 0.3362

Sweetspot

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



39.8866, 0.2962, 0.3590



78.0872, 0.3079, 0.3369



41.2374, 0.3279, 0.3841



17.2412, 0.3074, 0.3377



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.



39.8866, 0.2962, 0.3590



70.6628, 0.2925, 0.3672



40.5821, 0.2824, 0.3308



9.5548, 0.3054, 0.3412



23.2557, 0.2742, 0.5071



0.7435, 0.2593, 0.4534

Inverse Universe

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



30.7638, 0.3333, 0.3008



50.8971, 0.3396, 0.2938



30.1563, 0.3535, 0.3273



8.5776, 0.3207, 0.3171



7.3603, 0.4817, 0.2427



0.2433, 0.4255, 0.2118

Previews

White Background



This preview shows how the Yxy color 39.8849, 0.2962, 0.3590 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 39.8849, 0.2962, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

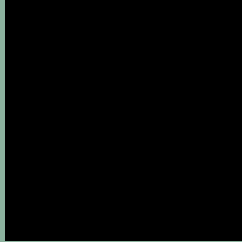
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8849, 0.2962, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 39.8849, 0.2962, 0.3590.



This preview shows how white text looks on a background with the Yxy color 39.8849, 0.2962, 0.3590.

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

39.8849, 0.2962, 0.3590

Protanopia

39.5353, 0.3333, 0.3499

Deuteranopia

39.4590, 0.3386, 0.3318



Tritanopia

40.0139, 0.2786, 0.3090

Trichromacy



Original Color

39.8849, 0.2962, 0.3590

Protanomaly

39.6581, 0.3188, 0.3534

Deuteranomaly

39.2013, 0.3224, 0.3403

Tritanomaly

39.7636, 0.2851, 0.3260

Monochromacy



Original Color

39.8849, 0.2962, 0.3590

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

37.9531, 0.3059, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8849, 0.2962, 0.3590 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(140, 178, 158)` looks like.

```
.text, #text, p{  
    color:rgb(140, 178, 158)  
}
```

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(140, 178, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 178, 158) }
```

Border

The CSS property to change the border of an element to Yxy 39.8849, 0.2962, 0.3590 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(140, 178, 158) }
```

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

```
.border{ border-color:rgb(140, 178, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 178, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 178, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 178, 158);  
box-shadow:4px 4px 4px 4px rgb(140, 178,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8849, 0.2962, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 178, 158) }
```

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

```
.background{ background-color: rgb(140,  
178, 158) }
```

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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