

Converting Colors

$Yxy(39.6116, 0.2958, 0.2953)$

Have a look what the booklet for
Yxy(39.6116, 0.2958, 0.2953)
contains.

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Color

Yxy(39.5801, 0.2956, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	AAA6BF
RGB	170, 166, 191
RGB Percent	67%, 65%, 75%
CMY	0.3332, 0.3490, 0.2510
CMYK	0.11, 0.13, 0.00, 0.25
HSL	250°, 16%, 70%
HSV	250°, 13%, 75%
XYZ	39.6203, 39.5801, 54.8331
YIQ	170.0460, -5.6410, 8.6230

Conversions

Conversions Part 2

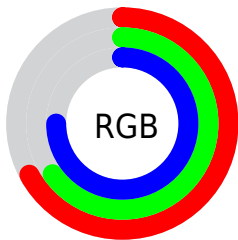
Format	Color
R_{YB}	170, 166, 191
Decimal	11183807
CIE Lab	69.17, 6.40, -12.28
CIE LCh	69, 13.842, 297.519
Yxy	39.5801, 0.2956, 0.2953
Android (android.graphics.Color)	4289373887 (0xFFAAA6BF)
YUV	170.0460, 10.3303, -0.0403
Hunter-Lab	62.9127, 2.3160, -7.6367

Details

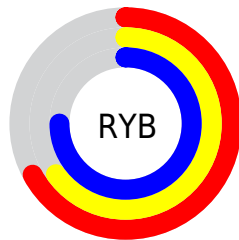
The Yxy color **39.5801, 0.2956, 0.2953** is a light color, and the websafe version is hex **999999**. A complement of this color would be **50.5683, 0.3286, 0.3613**, and the grayscale version is **40.1743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4359, 0.2988, 0.3018**, and **17.7212, 0.2901, 0.2844** is the 20% darker color. If you saturate the color by 10%, you get **31.4678, 0.2804, 0.2662**, and if you desaturate by 10%, it is **48.9444, 0.3090, 0.3215**.

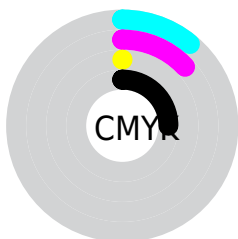
Distribution



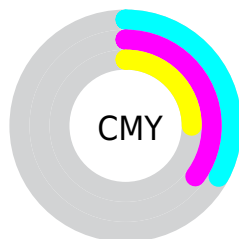
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (11%)
- Magenta (13%)
- Yellow (0%)
- Black (25%)





- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5801, 0.2956, 0.2953 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 39.5801, 0.2956, 0.2953 by changing the saturation by 10% instead.


 39.5801, 0.2956,
0.2953


 39.5801, 0.2956,
0.2953

344.3506, 0.3045,
0.3123

 27.2113, 0.2933,
0.2910


 74.5237, 0.2989,
0.3015

 17.7320, 0.2903,
0.2855


 97.8673, 0.3001,
0.3038

 10.7577, 0.2862,
0.2781


125.6379, 0.3011,
0.3058

 5.9042, 0.2803,
0.2676

158.2200, 0.3020,
0.3075

 2.7869, 0.2711,
0.2520

195.9979, 0.3027,
0.3089

 1.0215, 0.2549,
0.2259

239.3560, 0.3034,

 0.0000, 0.0831,

0.3102

0.0000

288.6788, 0.3039,
0.3113

■ 0.0000, 0.0000,
0.0000

■ 39.5801, 0.2956,
0.2953

■ 39.5801, 0.2956,
0.2953

■ 31.4678, 0.2804,
0.2662

■ 48.9444, 0.3090,
0.3215

■ 24.5495, 0.2634,
0.2345

■ 59.6056, 0.3205,
0.3448

■ 18.7699, 0.2449,
0.2011

■ 71.6126, 0.3305,
0.3652

■ 14.0674, 0.2257,
0.1674

■ 85.0100, 0.3390,
0.3830

■ 10.3746, 0.2065,
0.1353

■ 95.6287, 0.3475,
0.3927

■ 7.6163, 0.1888,
0.1071

■ 96.5410, 0.3508,
0.3920

■ 5.7067, 0.1737,
0.0850

■ 4.5435, 0.1624,
0.0703

■ 4.0489, 0.1567,
0.0637

Harmonies

Analogous

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



39.5801, 0.2805, 0.2965



39.5801, 0.2956, 0.2953



39.5801, 0.3157, 0.3024

Triad

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



39.5801, 0.2956, 0.2953



39.5801, 0.3531, 0.3498



39.5801, 0.2898, 0.3422

Complementary

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



39.5801, 0.2956, 0.2953



50.5683, 0.3286, 0.3613

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.



39.5801, 0.3087, 0.3579



39.5801, 0.2956, 0.2953



39.5801, 0.3455, 0.3617

Square

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



39.5801, 0.2956, 0.2953



39.5801, 0.3495, 0.3331



39.5801, 0.3291, 0.3650



39.5801, 0.2773, 0.3230

Rectangle

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



39.5801, 0.2956, 0.2953



39.5801, 0.3294, 0.3109



39.5801, 0.3291, 0.3650



39.5801, 0.2956, 0.3481

Sweetspot

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



39.5818, 0.2956, 0.2953



85.9293, 0.3077, 0.3191



47.5095, 0.2929, 0.3240



18.5747, 0.3068, 0.3172



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



39.5818, 0.2956, 0.2953



66.0577, 0.2910, 0.2864



41.0072, 0.3064, 0.2964



9.2973, 0.3008, 0.3055



2.6849, 0.1576, 0.0642



0.1287, 0.1777, 0.0752

Inverse Universe

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



41.9325, 0.3177, 0.3022



71.1886, 0.3190, 0.2955



49.0931, 0.3183, 0.3623



9.6691, 0.3162, 0.3100



8.9622, 0.3658, 0.1789



0.3582, 0.3534, 0.1720

Previews

White Background



This preview shows how the Yxy color 39.5801, 0.2956, 0.2953 looks on a white background.

Color Contrast Check

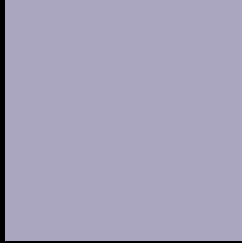
Large Text (above 18pt) WCAG AA × Fail

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 39.5801, 0.2956, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

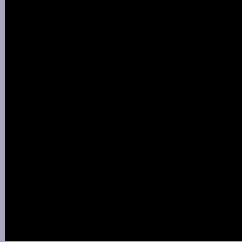
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

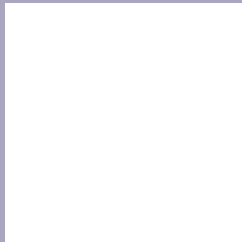
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.5801, 0.2956, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 39.5801, 0.2956, 0.2953.



This preview shows how white text looks on a background with the Yxy color 39.5801, 0.2956, 0.2953.

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

39.5801, 0.2956, 0.2953

Protanopia

39.8104, 0.2906, 0.2963

Deuteranopia

39.4265, 0.2999, 0.2930



Tritanopia

39.6663, 0.3019, 0.3111

Trichromacy



Original Color

39.5801, 0.2956, 0.2953

Protanomaly

39.6587, 0.2922, 0.2951

Deuteranomaly

39.5561, 0.2982, 0.2942

Tritanomaly

39.5752, 0.2995, 0.3044

Monochromacy



Original Color

39.5801, 0.2956, 0.2953

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.1363, 0.3061, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5801, 0.2956, 0.2953 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(170, 166, 191)` looks like.

```
.text, #text, p{  
    color:rgb(170, 166, 191)  
}
```

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(170, 166, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 166, 191) }
```

Border

The CSS property to change the border of an element to Yxy 39.5801, 0.2956, 0.2953 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(170, 166, 191) }
```

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

```
.border{ border-color:rgb(170, 166, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 166, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 166, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 166, 191);  
box-shadow:4px 4px 4px 4px rgb(170, 166,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5801, 0.2956, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 166, 191) }
```

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

```
.background{ background-color: rgb(170,  
166, 191) }
```

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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