

Converting Colors

Yxy(36.8751, 0.3051, 0.3022)

Have a look what the booklet for
Yxy(36.8751, 0.3051, 0.3022)
contains.

Yxy(36.9423, 0.3055, 0.3027)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(36.9423, 0.3055, 0.3027)

Conversions

Conversions Part 1

Format	Color
Hex	AAA0B3
RGB	170, 160, 179
RGB Percent	67%, 63%, 70%
CMY	0.3334, 0.3725, 0.2980
CMYK	0.05, 0.11, 0.00, 0.30
HSL	272°, 11%, 66%
HSV	272°, 11%, 70%
XYZ	37.2840, 36.9423, 47.8163
YIQ	165.1560, -0.1390, 8.0290

Conversions

Conversions Part 2

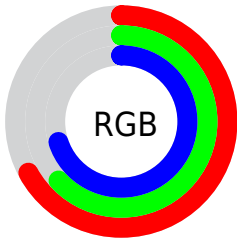
Format	Color
RYB	170, 160, 179
Decimal	11182259
CIELab	67.23, 7.25, -8.51
CIELCh	67, 11.182, 310.409
Yxy	36.9423, 0.3055, 0.3027
Android (android.graphics.Color)	4289372339 (0xFFAAA0B3)
YUV	165.1560, 6.8251, 4.2482
Hunter-Lab	60.7802, 3.1309, -4.0978

Details

The Yxy color **36.9423, 0.3055, 0.3027** is a light color, and the websafe version is hex **999999**. A complement of this color would be **43.2185, 0.3193, 0.3554**, and the grayscale version is **37.6727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6066, 0.3066, 0.3077**, and **16.2952, 0.3037, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **30.2614, 0.2975, 0.2760**, and if you desaturate by 10%, it is **44.5811, 0.3123, 0.3275**.

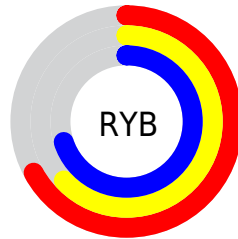
Distribution



Red (67%)

Green (63%)

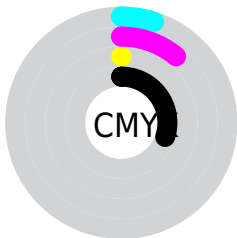
Blue (70%)



Red (67%)

Yellow (63%)

Blue (70%)

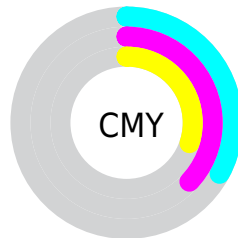


Cyan (5%)

Magenta (11%)

Yellow (0%)

Black (30%)



Cyan (33%)

Magenta (37%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.9423, 0.3055, 0.3027 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 36.9423, 0.3055, 0.3027 by changing the saturation by 10% instead.


 36.9423, 0.3055,
0.3027


 36.9423, 0.3055,
0.3027


333.0606, 0.3093,
0.3162

 25.1628, 0.3045,
0.2992


 70.4840, 0.3069,
0.3077

 16.1984, 0.3031,
0.2948


 93.0151, 0.3075,
0.3095

 9.6647, 0.3012,
0.2887


119.8988, 0.3079,
0.3110

 5.1772, 0.2984,
0.2800

151.5195, 0.3083,
0.3124

 2.3516, 0.2938,
0.2665

188.2616, 0.3086,
0.3135

 0.8008, 0.2852,
0.2425

230.5096, 0.3089,

 0.0000, 0.0000,

0.3145

0.0000

278.6478, 0.3091,
0.3154

■ 36.9423, 0.3055,
0.3027

■ 36.9423, 0.3055,
0.3027

■ 30.2614, 0.2975,
0.2760

■ 44.5811, 0.3123,
0.3275

■ 24.4946, 0.2883,
0.2477

■ 53.2100, 0.3181,
0.3503

■ 19.6015, 0.2779,
0.2187

■ 62.8653, 0.3229,
0.3709

■ 15.5369, 0.2665,
0.1898

■ 73.5803, 0.3269,
0.3894

■ 12.2512, 0.2544,
0.1624

■ 85.3866, 0.3302,
0.4060

■ 9.6895, 0.2418,
0.1378

■ 90.1390, 0.3350,
0.4097

■ 7.7895, 0.2294,
0.1174

■ 91.5056, 0.3406,
0.4082

■ 6.4774, 0.2177,
0.1021

■ 92.9406, 0.3463,
0.4068

■ 5.6388, 0.2076,
0.0917

■ 94.4450, 0.3521,
0.4052

Harmonies

Analogous

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



36.9423, 0.2907, 0.3007



36.9423, 0.3055, 0.3027



36.9423, 0.3226, 0.3112

Triad

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



36.9423, 0.3055, 0.3027



36.9423, 0.3444, 0.3513



36.9423, 0.2885, 0.3332

Complementary

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



36.9423, 0.3055, 0.3027



43.2185, 0.3193, 0.3554

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.



36.9423, 0.3023, 0.3478



36.9423, 0.3055, 0.3027



36.9423, 0.3347, 0.3582

Square

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



36.9423, 0.3055, 0.3027



36.9423, 0.3455, 0.3388



36.9423, 0.3193, 0.3571



36.9423, 0.2811, 0.3178

Rectangle

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



36.9423, 0.3055, 0.3027



36.9423, 0.3330, 0.3196



36.9423, 0.3193, 0.3571



36.9423, 0.2925, 0.3384

Sweetspot

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



36.9439, 0.3055, 0.3027



76.3438, 0.3108, 0.3217



39.1758, 0.2965, 0.3152



16.6642, 0.3102, 0.3197



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.



36.9439, 0.3055, 0.3027



62.8805, 0.3035, 0.2959



37.9704, 0.3142, 0.3038



8.4425, 0.3064, 0.3060



4.0234, 0.2088, 0.0924



0.1610, 0.2393, 0.1092

Inverse Universe

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



37.5936, 0.3229, 0.3167



64.3186, 0.3257, 0.3136



42.2665, 0.3112, 0.3556



8.5702, 0.3215, 0.3182



7.2479, 0.5036, 0.2548



0.2399, 0.4398, 0.2196

Previews

White Background



This preview shows how the Yxy color 36.9423, 0.3055, 0.3027 looks on a white background.

Color Contrast Check

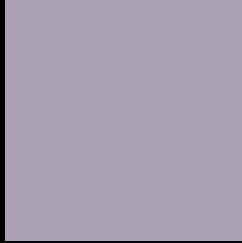
Large Text (above 18pt) WCAG AA × Fail

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 36.9423, 0.3055, 0.3027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

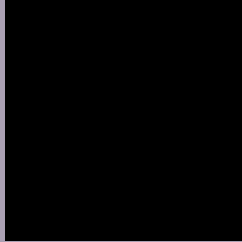
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.9423, 0.3055, 0.3027

Background



This preview shows how black text looks on a background with the Yxy color 36.9423, 0.3055, 0.3027.



This preview shows how white text looks on a background with the Yxy color 36.9423, 0.3055, 0.3027.

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

36.9423, 0.3055, 0.3027

Protanopia

37.2120, 0.2966, 0.3037

Deuteranopia

36.8216, 0.3074, 0.3015



Tritanopia

36.9807, 0.3089, 0.3108

Trichromacy



Original Color

36.9423, 0.3055, 0.3027

Protanomaly

37.1353, 0.3001, 0.3038

Deuteranomaly

36.7089, 0.3065, 0.3014

Tritanomaly

37.0593, 0.3071, 0.3081

Monochromacy



Original Color

36.9423, 0.3055, 0.3027

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.3122, 0.3104, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.9423, 0.3055, 0.3027 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, 160, 179)` looks like.

```
.text, #text, p{  
    color:rgb(170, 160, 179)  
}
```

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, 160, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 160, 179) }
```

Border

The CSS property to change the border of an element to Yxy 36.9423, 0.3055, 0.3027 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, 160, 179) }
```

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

```
.border{ border-color:rgb(170, 160, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 160, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 160, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 160, 179);  
box-shadow:4px 4px 4px 4px rgb(170, 160,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 36.9423, 0.3055, 0.3027 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 160, 179) }
```

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

```
.background{ background-color: rgb(170,  
160, 179) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor