

Converting Colors

$Y_{xy}(10.3637, 0.3073, 0.4451)$

Have a look what the booklet for
Yxy(10.3637, 0.3073, 0.4451)
contains.

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Color

$\text{Yxy}(10.3599, 0.3073, 0.4452)$

Conversions

Conversions Part 1

Format	Color
Hex	3B643B
RGB	59, 100, 59
RGB Percent	23%, 39%, 23%
CMY	0.7685, 0.6078, 0.7687
CMYK	0.41, 0.00, 0.41, 0.61
HSL	120°, 26%, 31%
HSV	120°, 41%, 39%
XYZ	7.1509, 10.3599, 5.7594
YIQ	83.0670, -11.2750, -21.4430

Conversions

Conversions Part 2

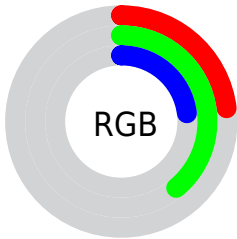
Format	Color
RYB	59, 100, 100
Decimal	3892283
CIELab	38.48, -23.75, 18.86
CIELCh	38, 30.327, 141.555
Yxy	10.3599, 0.3073, 0.4452
Android (android.graphics.Color)	4282082363 (0xFF3B643B)
YUV	83.0670, -11.8650, -21.1068
Hunter-Lab	32.1868, -16.6696, 11.9216




Details

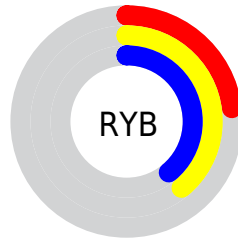
The Yxy color **10.3599, 0.3073, 0.4452** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.7551, 0.3171, 0.2349**, and the grayscale version is **8.6918, 0.3127, 0.3290**.




A 20% lighter version of the original color is **26.3829, 0.3098, 0.4107**, and **2.6481, 0.2947, 0.5231** is the 20% darker color. If you saturate the color by 10%, you get **9.9895, 0.3057, 0.4788**, and if you desaturate by 10%, it is **10.8095, 0.3088, 0.4128**.

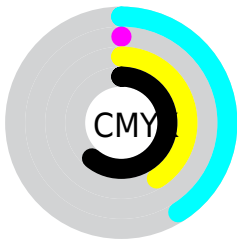
Distribution







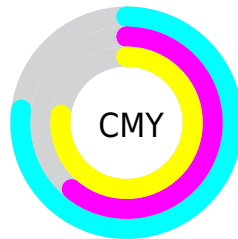
-  Red (23%)
-  Green (39%)
-  Blue (23%)






-  Red (23%)
-  Yellow (39%)
-  Blue (39%)



-  Cyan (41%)
-  Magenta (0%)
-  Yellow (41%)
-  Black (61%)





-  Cyan (77%)
-  Magenta (61%)
-  Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.3599, 0.3073, 0.4452 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 10.3599, 0.3073, 0.4452 by changing the saturation by 10% instead.


 10.3599, 0.3073,
0.4452

 10.3599, 0.3073,
0.4452


193.2218, 0.3126,
0.3696


 5.6382, 0.3035,
0.4748

 26.4703, 0.3105,
0.4114


 2.6264, 0.2951,
0.5236


 38.6278, 0.3112,
0.4009

 0.9399, 0.2495,
0.7505

 54.0326, 0.3117,
0.3927

 0.0000, 0.0000,
0.0000

 73.0693, 0.3120,
0.3862

 96.1222, 0.3122,
0.3809

 123.5756, 0.3124,

0.3765

155.8140, 0.3125,
0.3728

■ 10.3599, 0.3073,
0.4452

■ 10.3599, 0.3073,
0.4452

■ 9.9895, 0.3057,
0.4788

■ 10.8095, 0.3088,
0.4128

■ 9.6926, 0.3042,
0.5118

■ 11.3412, 0.3102,
0.3827

■ 9.4647, 0.3028,
0.5420


■ 11.9592, 0.3115,
0.3555

■ 9.3001, 0.3016,
0.5673


■ 12.6672, 0.3126,
0.3313


■ 9.1923, 0.3007,
0.5857

■ 13.4686, 0.3136,
0.3101

 9.1146, 0.3000,
0.6000

 14.3665, 0.3145,
0.2916

 15.3641, 0.3152,
0.2756

 16.4642, 0.3158,
0.2618

 17.6697, 0.3164,
0.2499

Harmonies

Analogous

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



10.3599, 0.3743, 0.4557



10.3599, 0.3073, 0.4452



10.3599, 0.2453, 0.3888

Triad

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



10.3599, 0.3073, 0.4452



10.3599, 0.2040, 0.2274



10.3599, 0.4335, 0.3245

Complementary

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



10.3599, 0.3073, 0.4452



6.7551, 0.3171, 0.2349

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.



10.3599, 0.3772, 0.2767



10.3599, 0.3073, 0.4452



10.3599, 0.2435, 0.2229

Square

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



10.3599, 0.3073, 0.4452



10.3599, 0.1905, 0.2577



10.3599, 0.3055, 0.2407



10.3599, 0.4518, 0.3770

Rectangle

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



10.3599, 0.3073, 0.4452



10.3599, 0.2149, 0.3393



10.3599, 0.3055, 0.2407



10.3599, 0.4181, 0.3077

Sweetspot

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



10.3603, 0.3073, 0.4452



20.8116, 0.3113, 0.3589



12.0086, 0.3704, 0.4222



5.0977, 0.3112, 0.3611



53.8236, 0.3127, 0.3290



5.4972, 0.3127, 0.3290

Same Dimension

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



10.3603, 0.3073, 0.4452



17.5468, 0.3058, 0.4768



10.6056, 0.2837, 0.3875



3.1427, 0.3117, 0.3502



12.2050, 0.3000, 0.6000



63.6542, 0.3000, 0.6000

Inverse Universe

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



6.7551, 0.3171, 0.2349



10.2941, 0.3180, 0.2153



6.4184, 0.3579, 0.2776



2.8889, 0.3137, 0.3087



4.8548, 0.3208, 0.1541



25.3189, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 10.3599, 0.3073, 0.4452 looks on a white background.

Color Contrast Check

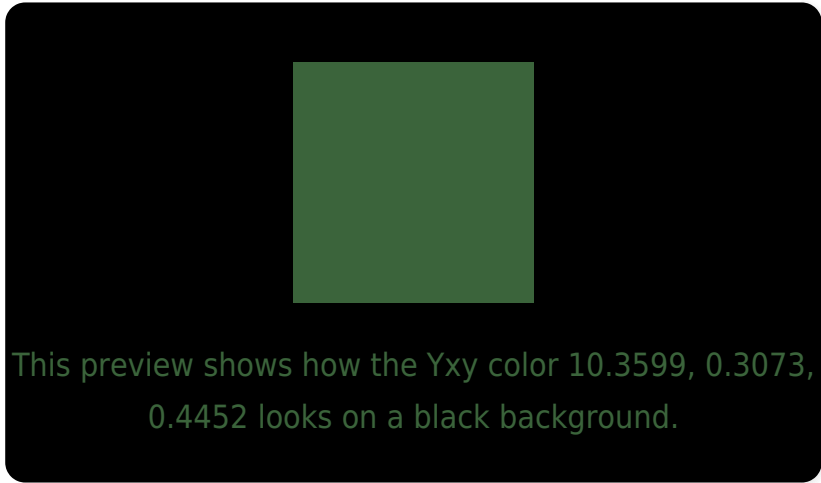
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

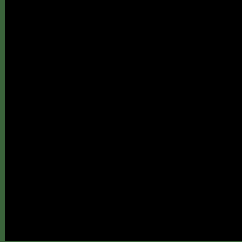
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.3599, 0.3073, 0.4452

Background



This preview shows how black text looks on a background with the Yxy color 10.3599, 0.3073, 0.4452.



This preview shows how white text looks on a background with the Yxy color 10.3599, 0.3073, 0.4452.

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

10.3599, 0.3073, 0.4452

Protanopia

10.2408, 0.3824, 0.4126

Deuteranopia

10.1915, 0.3910, 0.3839



Tritanopia

10.3727, 0.2661, 0.3110

Trichromacy



Original Color

10.3599, 0.3073, 0.4452

Protanomaly

10.1757, 0.3516, 0.4273

Deuteranomaly

9.9928, 0.3567, 0.4050

Tritanomaly

10.3451, 0.2819, 0.3586

Monochromacy



Original Color

10.3599, 0.3073, 0.4452

Achromatopsia

8.6500, 0.3127, 0.3290

Achromatomaly

9.0950, 0.3108, 0.3703

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.3599, 0.3073, 0.4452 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(59, 100, 59)` looks like.

```
.text, #text, p{  
    color:rgb(59, 100, 59)  
}
```

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(59, 100, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 100, 59) }
```

Border

The CSS property to change the border of an element to Yxy 10.3599, 0.3073, 0.4452 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(59, 100, 59) }
```

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

```
.border{ border-color:rgb(59, 100, 59) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 100, 59)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 100, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 100, 59);  
box-shadow:4px 4px 4px 4px rgb(59, 100,  
59) }
```


Background

The CSS property to change the background color of an element to Yxy 10.3599, 0.3073, 0.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 100, 59) }
```

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

```
.background{ background-color: rgb(59, 100,  
59) }
```

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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