

Converting Colors

$Y_{xy}(10.0599, 0.3105, 0.4584)$

Have a look what the booklet for
Yxy(10.0599, 0.3105, 0.4584)
contains.

Yxy(10.0599, 0.3105, 0.4584)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(10.0599, 0.3105, 0.4584)

Conversions

Conversions Part 1

Format	Color
Hex	396336
RGB	57, 99, 54
RGB Percent	22%, 39%, 21%
CMY	0.7765, 0.6117, 0.7883
CMYK	0.42, 0.00, 0.45, 0.61
HSL	116°, 29%, 30%
HSV	116°, 45%, 39%
XYZ	6.8141, 10.0599, 5.0716
YIQ	81.3120, -10.5870, -22.8990

Conversions

Conversions Part 2

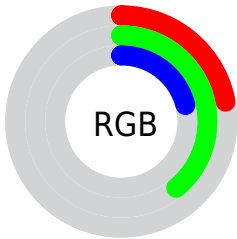
Format	Color
RYB	54, 99, 96
Decimal	3760950
CIELab	37.95, -24.83, 21.06
CIELCh	38, 32.556, 139.702
Yxy	10.0599, 0.3105, 0.4584
Android (android.graphics.Color)	4281951030 (0xFF396336)
YUV	81.3120, -13.4648, -21.3216
Hunter-Lab	31.7173, -17.1565, 12.7216

Details

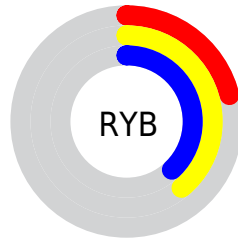
The Yxy color **10.0599, 0.3105, 0.4584** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.0263, 0.3116, 0.2236**, and the grayscale version is **8.3215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **25.8781, 0.3142, 0.4209**, and **2.5231, 0.2982, 0.5490** is the 20% darker color. If you saturate the color by 10%, you get **9.7293, 0.3093, 0.4913**, and if you desaturate by 10%, it is **10.4598, 0.3114, 0.4259**.

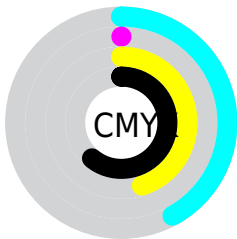
Distribution



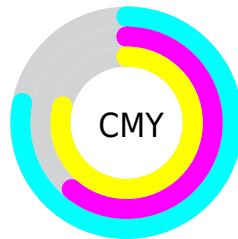
- Red (22%)
- Green (39%)
- Blue (21%)



- Red (21%)
- Yellow (39%)
- Blue (38%)



- Cyan (42%)
- Magenta (0%)
- Yellow (45%)
- Black (61%)





- Cyan (78%)
- Magenta (61%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 10.0599, 0.3105, 0.4584 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 10.0599, 0.3105, 0.4584 by changing the saturation by 10% instead.


 10.0599, 0.3105,
0.4584


 10.0599, 0.3105,
0.4584


191.0990, 0.3143,
0.3738


 5.4387, 0.3066,
0.4917

 25.9081, 0.3133,
0.4204


 2.5069, 0.2990,
0.5495


 37.9039, 0.3138,
0.4086

 0.8801, 0.2074,
0.7926

 53.1267, 0.3141,
0.3995

 0.0000, 0.0000,
0.0000

 71.9608, 0.3142,
0.3922

 94.7907, 0.3143,
0.3863

 122.0008, 0.3143,

0.3814

153.9754, 0.3143,
0.3773

■ 10.0599, 0.3105,
0.4584

■ 10.0599, 0.3105,
0.4584

■ 9.7293, 0.3093,
0.4913

■ 10.4598, 0.3114,
0.4259

■ 9.4629, 0.3079,
0.5229

■ 10.9312, 0.3120,
0.3952

■ 9.2568, 0.3063,
0.5511

■ 11.4779, 0.3124,
0.3670

■ 9.1063, 0.3045,
0.5737

■ 12.1029, 0.3127,
0.3416

■ 9.0041, 0.3031,
0.5905

■ 12.8092, 0.3127,
0.3192

■ 8.9671, 0.3029,
0.5977

■ 13.5996, 0.3127,
0.2994

■ 14.4768, 0.3126,
0.2822

■ 15.4431, 0.3125,
0.2672

■ 16.5011, 0.3123,
0.2542

Harmonies

Analogous

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



10.0599, 0.3823, 0.4650



10.0599, 0.3105, 0.4584



10.0599, 0.2431, 0.3990

Triad

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



10.0599, 0.3105, 0.4584



10.0599, 0.1946, 0.2209



10.0599, 0.4410, 0.3200

Complementary

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



10.0599, 0.3105, 0.4584



6.0263, 0.3116, 0.2236

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.



10.0599, 0.3777, 0.2698



10.0599, 0.3105, 0.4584



10.0599, 0.2347, 0.2150

Square

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



10.0599, 0.3105, 0.4584



10.0599, 0.1820, 0.2545



10.0599, 0.2999, 0.2327



10.0599, 0.4631, 0.3757

Rectangle

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



10.0599, 0.3105, 0.4584



10.0599, 0.2098, 0.3446



10.0599, 0.2999, 0.2327



10.0599, 0.4234, 0.3023

Sweetspot

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



10.0603, 0.3105, 0.4584



19.7952, 0.3125, 0.3642



11.2858, 0.3783, 0.4271



4.6690, 0.3124, 0.3682



52.2522, 0.3127, 0.3290



5.0876, 0.3127, 0.3290

Same Dimension

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



10.0603, 0.3105, 0.4584



16.6326, 0.3092, 0.4949



10.1965, 0.2838, 0.4018



2.8636, 0.3126, 0.3499



11.6806, 0.3025, 0.5980



62.2531, 0.3011, 0.5991

Inverse Universe

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



6.0263, 0.3116, 0.2236



8.7082, 0.3107, 0.2006



5.8625, 0.3594, 0.2669



2.6207, 0.3127, 0.3088



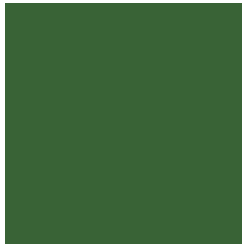
4.1624, 0.3050, 0.1454



22.0859, 0.3040, 0.1449

Previews

White Background



This preview shows how the Yxy color 10.0599, 0.3105, 0.4584 looks on a white background.

Color Contrast Check

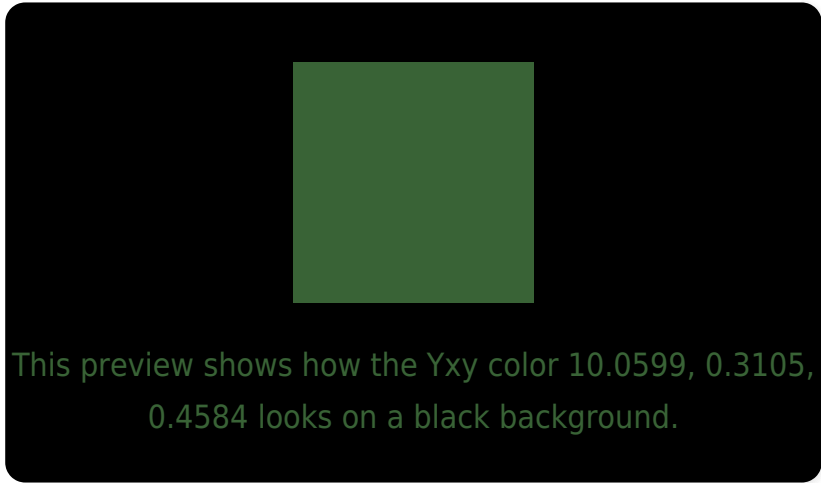
Large Text (above 18pt) WCAG AA ✓ Pass

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

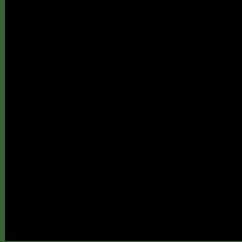
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 10.0599, 0.3105, 0.4584

Background



This preview shows how black text looks on a background with the Yxy color 10.0599, 0.3105, 0.4584.



This preview shows how white text looks on a background with the Yxy color 10.0599, 0.3105, 0.4584.

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

10.0599, 0.3105, 0.4584

Protanopia

9.9717, 0.3890, 0.4223

Deuteranopia

9.9182, 0.3984, 0.3932



Tritanopia

10.1032, 0.2645, 0.3108

Trichromacy



Original Color

10.0599, 0.3105, 0.4584

Protanomaly

9.9067, 0.3574, 0.4383

Deuteranomaly

9.7217, 0.3631, 0.4158

Tritanomaly

10.0626, 0.2816, 0.3618

Monochromacy



Original Color

10.0599, 0.3105, 0.4584

Achromatopsia

8.2283, 0.3127, 0.3290

Achromatomaly

8.8121, 0.3121, 0.3768

CSS Examples

Text

The CSS property to change the color of the text to Yxy 10.0599, 0.3105, 0.4584 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(57, 99, 54)` looks like.

```
.text, #text, p{  
    color:rgb(57, 99, 54)  
}
```

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(57, 99, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 99, 54) }
```

Border

The CSS property to change the border of an element to Yxy 10.0599, 0.3105, 0.4584 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(57, 99, 54) }
```

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

```
.border{ border-color:rgb(57, 99, 54) }
```

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

Here you see how a box with a 4 pixel rgb(57, 99, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 99, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 99, 54);  
box-shadow:4px 4px 4px 4px rgb(57, 99, 54)  
}
```


Background

The CSS property to change the background color of an element to Yxy 10.0599, 0.3105, 0.4584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 99, 54) }
```

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

```
.background{ background-color: rgb(57, 99,  
54) }
```

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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