

Converting Colors

$Y_{xy}(11.0477, 0.3478, 0.3690)$

Have a look what the booklet for
Yxy(11.0477, 0.3478, 0.3690)
contains.

Yxy(11.0032, 0.3480, 0.3694)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(11.0032, 0.3480, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	635D4C
RGB	99, 93, 76
RGB Percent	39%, 36%, 30%
CMY	0.6117, 0.6353, 0.7019
CMYK	0.00, 0.06, 0.23, 0.61
HSL	44°, 13%, 34%
HSV	44°, 23%, 39%
XYZ	10.3658, 11.0032, 8.4177
YIQ	92.8560, 9.0330, -4.0150

Conversions

Conversions Part 2

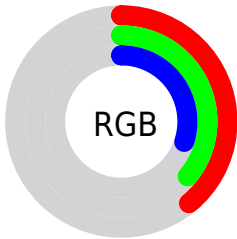
Format	Color
R_{YB}	84, 99, 76
Decimal	6511948
CIE Lab	39.59, -0.71, 10.64
CIE LCh	40, 10.661, 93.808
Yxy	11.0032, 0.3480, 0.3694
Android (android.graphics.Color)	4284702028 (0xFF635D4C)
YUV	92.8560, -8.3100, 5.3883
Hunter-Lab	33.1711, -2.2692, 8.1739

Details

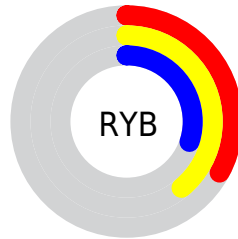
The Yxy color **11.0032, 0.3480, 0.3694** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **8.4771, 0.2775, 0.2850**, and the grayscale version is **10.9300, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.6096, 0.3387, 0.3583**, and **2.8674, 0.3670, 0.3907** is the 20% darker color. If you saturate the color by 10%, you get **10.4296, 0.3649, 0.3874**, and if you desaturate by 10%, it is **11.6144, 0.3320, 0.3516**.

Distribution



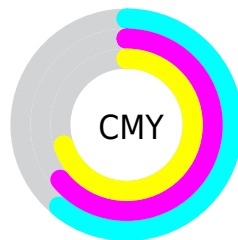
- Red (39%)
- Green (36%)
- Blue (30%)



- Red (33%)
- Yellow (39%)
- Blue (30%)



- Cyan (0%)
- Magenta (6%)
- Yellow (23%)
- Black (61%)



- Cyan (61%)
- Magenta (64%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.0032, 0.3480, 0.3694 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 11.0032, 0.3480, 0.3694 by changing the saturation by 10% instead.

■ 11.0032, 0.3480,
0.3694

■ 11.0032, 0.3480,
0.3694

■ 197.6895, 0.3263,
0.3444

■ 6.0690, 0.3556,
0.3782

■ 27.6661, 0.3387,
0.3587

■ 2.8871, 0.3673,
0.3918

■ 40.1635, 0.3357,
0.3552

■ 1.0731, 0.4025,
0.4318

■ 55.9509, 0.3333,
0.3525

■ 0.0000, 0.0000,
0.0000

■ 75.4125, 0.3314,
0.3503

■ 98.9328, 0.3298,
0.3484

126.8961, 0.3284,

0.3469

159.6869, 0.3272,
0.3456

■ 11.0032, 0.3480,
0.3694

■ 11.0032, 0.3480,
0.3694

■ 10.4296, 0.3649,
0.3874

■ 11.6144, 0.3320,
0.3516

■ 9.8909, 0.3825,
0.4051

■ 12.2628, 0.3172,
0.3344

■ 9.3865, 0.4004,
0.4217

■ 12.9499, 0.3036,
0.3180

■ 8.9151, 0.4180,
0.4365

■ 13.6765, 0.2913,
0.3026

■ 8.4753, 0.4345,
0.4485

■ 14.4436, 0.2800,
0.2883

■ 8.0655, 0.4494,
0.4570

■ 15.2521, 0.2699,
0.2750

■ 7.6833, 0.4621,
0.4616

■ 16.1029, 0.2608,
0.2628

■ 7.4344, 0.4708,
0.4644

■ 16.9966, 0.2526,
0.2516

■ 17.9342, 0.2453,
0.2413

Harmonies

Analogous

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



11.0032, 0.3596, 0.3569



11.0032, 0.3480, 0.3694



11.0032, 0.3271, 0.3710

Triad

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



11.0032, 0.3480, 0.3694



11.0032, 0.2693, 0.3172



11.0032, 0.3214, 0.3006

Complementary

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



11.0032, 0.3480, 0.3694



8.4771, 0.2775, 0.2850

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.



11.0032, 0.2971, 0.2905



11.0032, 0.3480, 0.3694



11.0032, 0.2678, 0.2990

Square

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



11.0032, 0.3480, 0.3694



11.0032, 0.2819, 0.3398



11.0032, 0.2778, 0.2897



11.0032, 0.3440, 0.3177

Rectangle

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



11.0032, 0.3480, 0.3694



11.0032, 0.3109, 0.3650



11.0032, 0.2778, 0.2897



11.0032, 0.3131, 0.2964

Sweetspot

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



11.0037, 0.3480, 0.3694



20.5816, 0.3230, 0.3411



8.4358, 0.3449, 0.3142



4.8845, 0.3234, 0.3416



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.



11.0037, 0.3480, 0.3694



18.3155, 0.3573, 0.3794



11.8088, 0.3367, 0.3843



2.8660, 0.3254, 0.3440



9.6233, 0.4717, 0.4637



49.9263, 0.4756, 0.4606

Inverse Universe

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



8.4771, 0.2775, 0.2850



13.1440, 0.2683, 0.2728



7.8384, 0.2851, 0.2704



2.6109, 0.3000, 0.3136



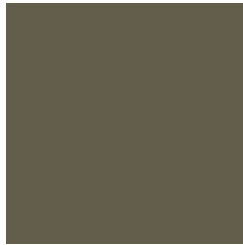
2.0697, 0.1606, 0.0983



9.7928, 0.1580, 0.0887

Previews

White Background



This preview shows how the Yxy color 11.0032, 0.3480, 0.3694 looks on a white background.

Color Contrast Check

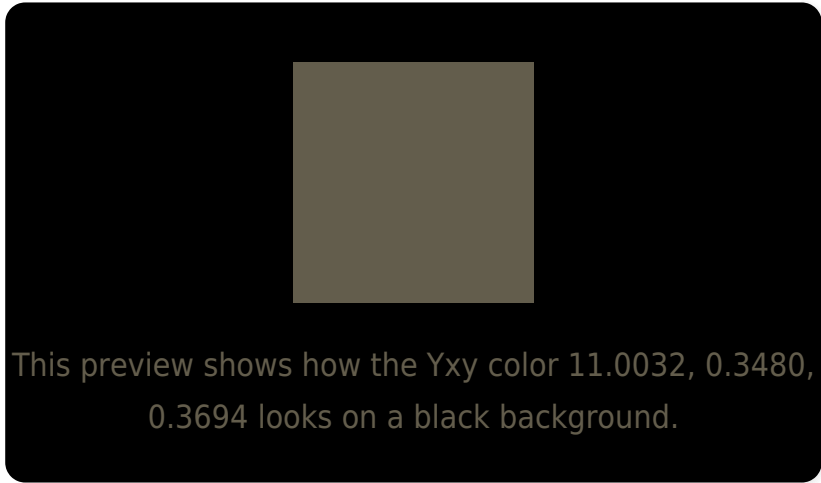
Large Text (above 18pt) WCAG AA ✓ Pass

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

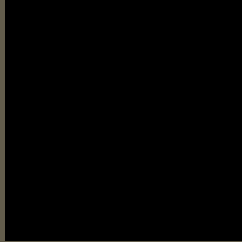
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

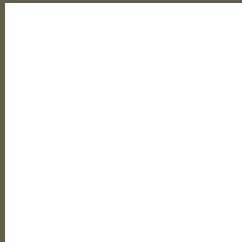
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 11.0032, 0.3480, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 11.0032, 0.3480, 0.3694.

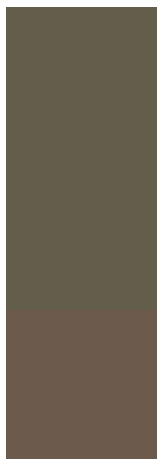


This preview shows how white text looks on a background with the Yxy color 11.0032, 0.3480, 0.3694.

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

11.0032, 0.3480, 0.3694

Protanopia

11.0032, 0.3480, 0.3694

Deuteranopia

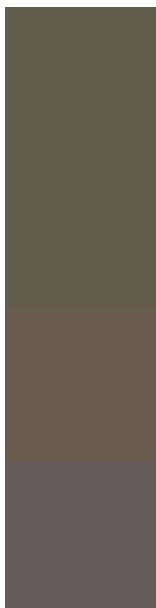
11.0363, 0.3632, 0.3586



Tritanopia

11.0002, 0.3215, 0.3131

Trichromacy



Original Color

11.0032, 0.3480, 0.3694

Protanomaly

11.0032, 0.3480, 0.3694

Deuteranomaly

11.0213, 0.3576, 0.3613

Tritanomaly

10.9701, 0.3319, 0.3337

Monochromacy



Original Color

11.0032, 0.3480, 0.3694

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

10.9497, 0.3247, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.0032, 0.3480, 0.3694 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(99, 93, 76) looks like.

```
.text, #text, p{  
    color:rgb(99, 93, 76)  
}
```

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(99, 93, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 93, 76) }
```

Border

The CSS property to change the border of an element to Yxy 11.0032, 0.3480, 0.3694 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(99, 93, 76) }
```

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

```
.border{ border-color:rgb(99, 93, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 93, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 93, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 93, 76);  
box-shadow:4px 4px 4px 4px rgb(99, 93, 76)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.0032, 0.3480, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 93, 76) }
```

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

```
.background{ background-color: rgb(99, 93,  
76) }
```

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