

Converting Colors

$Y_{xy}(11.6430, 0.3545, 0.4145)$

Have a look what the booklet for
Yxy(11.6430, 0.3545, 0.4145)
contains.

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Color

Yxy(11.6622, 0.3554, 0.4155)

Conversions

Conversions Part 1

Format	Color
Hex	5E633F
RGB	94, 99, 63
RGB Percent	37%, 39%, 25%
CMY	0.6314, 0.6118, 0.7529
CMYK	0.05, 0.00, 0.36, 0.61
HSL	68°, 22%, 32%
HSV	68°, 36%, 39%
XYZ	9.9753, 11.6622, 6.4303
YIQ	93.4010, 8.5760, -12.2560

Conversions

Conversions Part 2

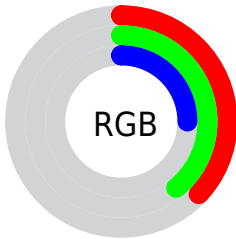
Format	Color
R_{YB}	63, 99, 68
Decimal	6185791
CIE _{Lab}	40.67, -8.44, 19.83
CIE _{LCh}	41, 21.549, 113.049
Yxy	11.6622, 0.3554, 0.4155
Android (android.graphics.Color)	4284375871 (0xFF5E633F)
YUV	93.4010, -14.9877, 0.5253
Hunter-Lab	34.1500, -7.6220, 12.7408

Details

The Yxy color **11.6622, 0.3554, 0.4155** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.6876, 0.2601, 0.2306**, and the grayscale version is **11.0798, 0.3127, 0.3290**.

A 20% lighter version of the original color is **28.9801, 0.3452, 0.3931**, and **3.1976, 0.3737, 0.4662** is the 20% darker color. If you saturate the color by 10%, you get **11.4896, 0.3662, 0.4391**, and if you desaturate by 10%, it is **11.8570, 0.3438, 0.3912**.

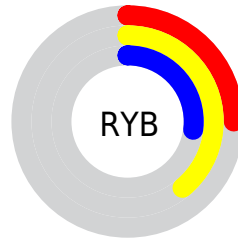
Distribution



Red (37%)

Green (39%)

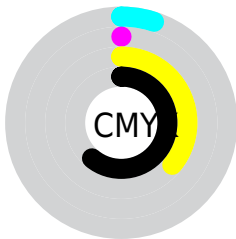
Blue (25%)



Red (25%)

Yellow (39%)

Blue (27%)

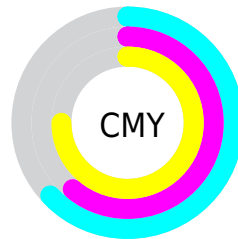


Cyan (5%)

Magenta (0%)

Yellow (36%)

Black (61%)



Cyan (63%)

Magenta (61%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 11.6622, 0.3554, 0.4155 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 11.6622, 0.3554, 0.4155 by changing the saturation by 10% instead.

■ 11.6622, 0.3554,
0.4155

■ 11.6622, 0.3554,
0.4155

■ 202.1560, 0.3301,
0.3616

■ 6.5141, 0.3631,
0.4344

■ 28.8784, 0.3452,
0.3924

■ 3.1601, 0.3735,
0.4633

■ 41.7152, 0.3416,
0.3849

■ 1.2159, 0.4306,
0.5694

■ 57.8838, 0.3388,
0.3790

■ 0.0746, 0.0000,
1.0000

■ 77.7684, 0.3364,
0.3742

■ 0.0000, 0.0000,
0.0000

■ 101.7536, 0.3345,
0.3702

■ 130.2236, 0.3328,

0.3669

163.5629, 0.3314,
0.3641

■ 11.6622, 0.3554,
0.4155

■ 11.6622, 0.3554,
0.4155

■ 11.4896, 0.3662,
0.4391

■ 11.8570, 0.3438,
0.3912

■ 11.3367, 0.3759,
0.4611

■ 12.0736, 0.3320,
0.3670

■ 11.2027, 0.3839,
0.4808


■ 12.3132, 0.3201,
0.3434


■ 11.0864, 0.3899,
0.4973

■ 12.5769, 0.3085,
0.3209

■ 10.9862, 0.3937,
0.5101

■ 12.8654, 0.2975,
0.2997

 10.8980, 0.3957,
0.5199

 13.1795, 0.2870,
0.2800

 10.8663, 0.3964,
0.5234

 13.5200, 0.2772,
0.2618

 13.8877, 0.2682,
0.2452

 14.2830, 0.2598,
0.2301

Harmonies

Analogous

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



11.6622, 0.3925, 0.4000



11.6622, 0.3554, 0.4155



11.6622, 0.3085, 0.4042

Triad

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



11.6622, 0.3554, 0.4155



11.6622, 0.2255, 0.2794



11.6622, 0.3595, 0.2940

Complementary

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



11.6622, 0.3554, 0.4155



5.6876, 0.2601, 0.2306

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.



11.6622, 0.3111, 0.2668



11.6622, 0.3554, 0.4155



11.6622, 0.2365, 0.2569

Square

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



11.6622, 0.3554, 0.4155



11.6622, 0.2353, 0.3192



11.6622, 0.2666, 0.2533



11.6622, 0.3962, 0.3299

Rectangle

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



11.6622, 0.3554, 0.4155



11.6622, 0.2783, 0.3814



11.6622, 0.2666, 0.2533



11.6622, 0.3439, 0.2837

Sweetspot

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



11.6627, 0.3554, 0.4155



20.9127, 0.3260, 0.3551



7.1238, 0.3880, 0.3412



4.9625, 0.3270, 0.3571



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.



11.6627, 0.3554, 0.4155



19.7398, 0.3651, 0.4366



10.8283, 0.3272, 0.4240



2.9527, 0.3231, 0.3493



14.1518, 0.3961, 0.5237



75.3180, 0.3946, 0.5249

Inverse Universe

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



5.6876, 0.2601, 0.2306



7.7738, 0.2443, 0.2024



6.4272, 0.2917, 0.2388



2.5309, 0.3019, 0.3081



1.2810, 0.1580, 0.0644



6.6023, 0.1546, 0.0626

Previews

White Background



This preview shows how the Yxy color 11.6622, 0.3554, 0.4155 looks on a white background.

Color Contrast Check

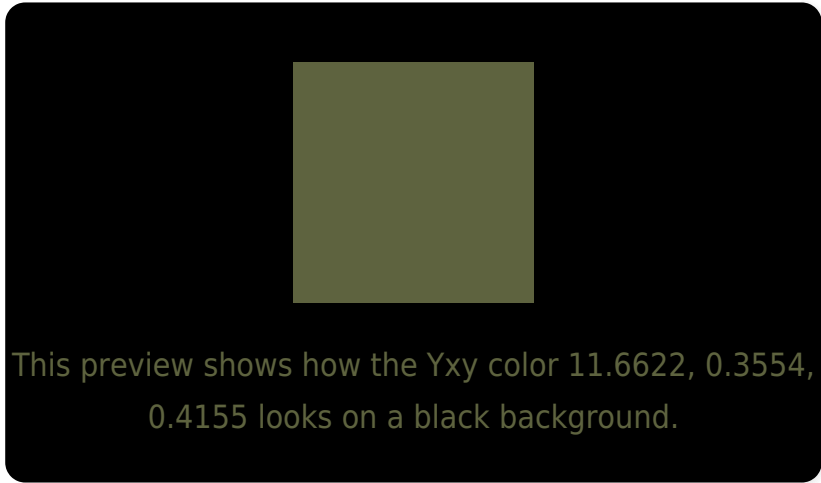
Large Text (above 18pt) WCAG AA ✓ Pass

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

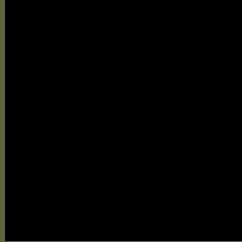
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.6622, 0.3554, 0.4155

Background



This preview shows how black text looks on a background with the Yxy color 11.6622, 0.3554, 0.4155.



This preview shows how white text looks on a background with the Yxy color 11.6622, 0.3554, 0.4155.

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

11.6622, 0.3554, 0.4155

Protanopia

11.6566, 0.3755, 0.4067

Deuteranopia

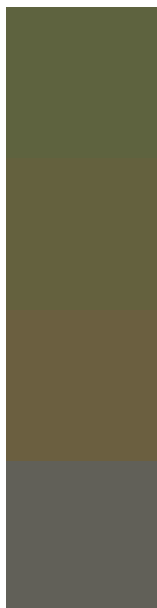
11.6808, 0.3929, 0.3873



Tritanopia

11.6174, 0.3090, 0.3109

Trichromacy



Original Color

11.6622, 0.3554, 0.4155

Protanomaly

11.6065, 0.3681, 0.4108

Deuteranomaly

11.6804, 0.3784, 0.3989

Tritanomaly

11.6117, 0.3257, 0.3478

Monochromacy



Original Color

11.6622, 0.3554, 0.4155

Achromatopsia

10.9462, 0.3127, 0.3290

Achromatomaly

11.1208, 0.3284, 0.3605

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.6622, 0.3554, 0.4155 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(94, 99, 63) looks like.

```
.text, #text, p{  
    color:rgb(94, 99, 63)  
}
```

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(94, 99, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 99, 63) }
```

Border

The CSS property to change the border of an element to Yxy 11.6622, 0.3554, 0.4155 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(94, 99, 63) }
```

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

```
.border{ border-color:rgb(94, 99, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(94, 99, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 99, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 99, 63);  
box-shadow:4px 4px 4px 4px rgb(94, 99, 63)  
}
```


Background

The CSS property to change the background color of an element to Yxy 11.6622, 0.3554, 0.4155 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 99, 63) }
```

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

```
.background{ background-color: rgb(94, 99,  
63) }
```

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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