

Converting Colors

$Y_{xy}(11.0344, 0.3277, 0.4342)$

Have a look what the booklet for
Yxy(11.0344, 0.3277, 0.4342)
contains.

Yxy(11.1401, 0.3273, 0.4341)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(11.1401, 0.3273, 0.4341)

Conversions

Conversions Part 1

Format	Color
Hex	4B653D
RGB	75, 101, 61
RGB Percent	29%, 40%, 24%
CMY	0.7058, 0.6039, 0.7608
CMYK	0.26, 0.00, 0.40, 0.60
HSL	99°, 25%, 32%
HSV	99°, 40%, 40%
XYZ	8.3993, 11.1401, 6.1231
YIQ	88.6660, -2.6560, -17.9520

Conversions

Conversions Part 2

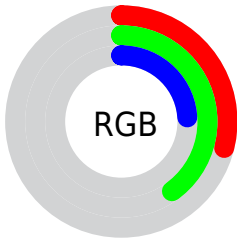
Format	Color
RYB	61, 101, 87
Decimal	4941117
CIELab	39.82, -17.87, 19.61
CIELCh	40, 26.533, 132.350
Yxy	11.1401, 0.3273, 0.4341
Android (android.graphics.Color)	4283131197 (0xFF4B653D)
YUV	88.6660, -13.6393, -11.9851
Hunter-Lab	33.3768, -13.4895, 12.4868

Details

The Yxy color **11.1401, 0.3273, 0.4341** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6.3026, 0.2904, 0.2304**, and the grayscale version is **9.9450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **27.9206, 0.3251, 0.4044**, and **2.9432, 0.3271, 0.4974** is the 20% darker color. If you saturate the color by 10%, you get **10.7907, 0.3296, 0.4640**, and if you desaturate by 10%, it is **11.5382, 0.3242, 0.4049**.

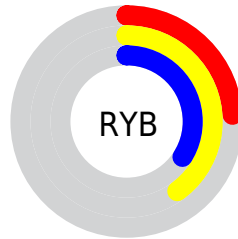
Distribution



Red (29%)

Green (40%)

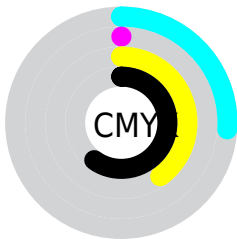
Blue (24%)



Red (24%)

Yellow (40%)

Blue (34%)

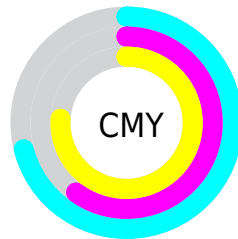


Cyan (26%)

Magenta (0%)

Yellow (40%)

Black (60%)



Cyan (71%)


Magenta (60%)


Yellow (76%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.1401, 0.3273, 0.4341 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 11.1401, 0.3273, 0.4341 by changing the saturation by 10% instead.


 11.1401, 0.3273,
0.4341


 11.1401, 0.3273,
0.4341


198.6262, 0.3199,
0.3670


 6.1611, 0.3284,
0.4592

 27.9189, 0.3249,
0.4046


 2.9433, 0.3280,
0.4992


 40.4876, 0.3238,
0.3953

 1.1022, 0.3511,
0.6489

 56.3550, 0.3229,
0.3880

 0.0000, 0.0000,
0.0000

 75.9055, 0.3221,
0.3821

 99.5234, 0.3214,
0.3773

 127.5933, 0.3208,

0.3733

160.4994, 0.3203,
0.3699

■ 11.1401, 0.3273,
0.4341

■ 11.1401, 0.3273,
0.4341

■ 10.7907, 0.3296,
0.4640

■ 11.5382, 0.3242,
0.4049

■ 10.4866, 0.3309,
0.4935

■ 11.9855, 0.3206,
0.3772

■ 10.2262, 0.3308,
0.5211


■ 12.4842, 0.3166,
0.3516

■ 10.0072, 0.3292,
0.5453


■ 13.0359, 0.3126,
0.3281

■ 9.8269, 0.3261,
0.5647

■ 13.6422, 0.3085,
0.3069


 9.6768, 0.3227,
0.5814

 14.3047, 0.3045,
0.2879

 9.6712, 0.3226,
0.5820

 15.0247, 0.3007,
0.2710

 15.8037, 0.2971,
0.2559

 16.6430, 0.2937,
0.2426

Harmonies

Analogous

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



11.1401, 0.3831, 0.4330



11.1401, 0.3273, 0.4341



11.1401, 0.2704, 0.3970

Triad

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



11.1401, 0.3273, 0.4341



11.1401, 0.2119, 0.2469



11.1401, 0.4038, 0.3126

Complementary

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



11.1401, 0.3273, 0.4341



6.3026, 0.2904, 0.2304

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.



11.1401, 0.3497, 0.2726



11.1401, 0.3273, 0.4341



11.1401, 0.2401, 0.2355

Square

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



11.1401, 0.3273, 0.4341



11.1401, 0.2074, 0.2816



11.1401, 0.2890, 0.2452



11.1401, 0.4309, 0.3584

Rectangle

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



11.1401, 0.3273, 0.4341



11.1401, 0.2395, 0.3577



11.1401, 0.2890, 0.2452



11.1401, 0.3879, 0.2982

Sweetspot

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



11.1406, 0.3273, 0.4341



21.1907, 0.3177, 0.3584



9.8123, 0.3798, 0.3897



5.1963, 0.3180, 0.3605



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.



11.1406, 0.3273, 0.4341



18.5408, 0.3296, 0.4632



10.6962, 0.3012, 0.4255



3.1849, 0.3163, 0.3499



12.6604, 0.3216, 0.5828



65.5819, 0.3178, 0.5859

Inverse Universe

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



6.3026, 0.2904, 0.2304



8.9004, 0.2830, 0.2051



6.9429, 0.3271, 0.2487



2.8434, 0.3088, 0.3083



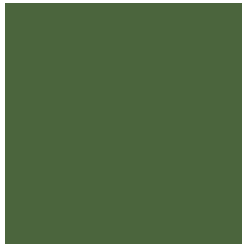
2.7083, 0.2377, 0.1083



13.6247, 0.2330, 0.1057

Previews

White Background



This preview shows how the Yxy color 11.1401, 0.3273, 0.4341 looks on a white background.

Color Contrast Check

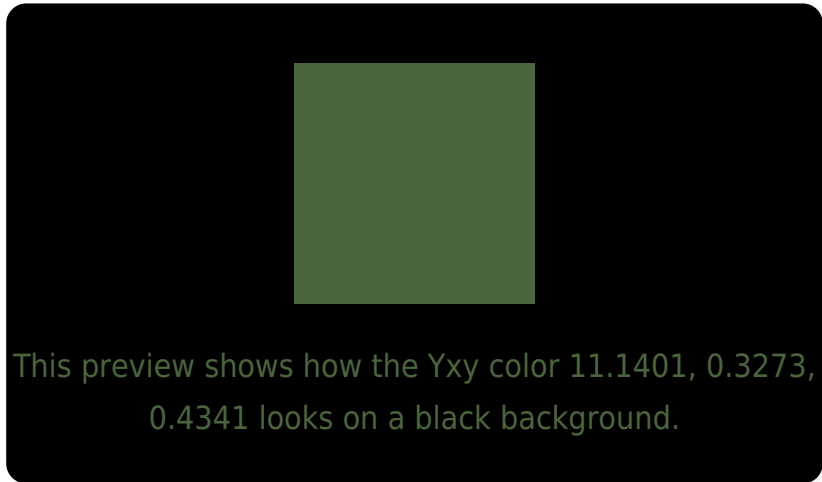
Large Text (above 18pt) WCAG AA ✓ Pass

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 11.1401, 0.3273, 0.4341

Background



This preview shows how black text looks on a background with the Yxy color 11.1401, 0.3273, 0.4341.



This preview shows how white text looks on a background with the Yxy color 11.1401, 0.3273, 0.4341.

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

11.1401, 0.3273, 0.4341

Protanopia

11.1357, 0.3796, 0.4125

Deuteranopia

11.1272, 0.3912, 0.3864



Tritanopia

11.1591, 0.2820, 0.3097

Trichromacy



Original Color

11.1401, 0.3273, 0.4341

Protanomaly

11.1405, 0.3589, 0.4219

Deuteranomaly

11.0169, 0.3671, 0.4026

Tritanomaly

11.1022, 0.2985, 0.3543

Monochromacy



Original Color

11.1401, 0.3273, 0.4341

Achromatopsia

9.9899, 0.3127, 0.3290

Achromatomaly

10.2780, 0.3189, 0.3649

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.1401, 0.3273, 0.4341 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(75, 101, 61)` looks like.

```
.text, #text, p{  
    color:rgb(75, 101, 61)  
}
```

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(75, 101, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(75, 101, 61) }
```

Border

The CSS property to change the border of an element to Yxy 11.1401, 0.3273, 0.4341 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(75, 101, 61) }
```

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

```
.border{ border-color:rgb(75, 101, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(75, 101, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(75, 101, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(75, 101, 61);  
box-shadow:4px 4px 4px 4px rgb(75, 101,  
61) }
```


Background

The CSS property to change the background color of an element to Yxy 11.1401, 0.3273, 0.4341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(75, 101, 61) }
```

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

```
.background{ background-color: rgb(75, 101,  
61) }
```

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