

Converting Colors

$Y_{xy}(14.3721, 0.3026, 0.4607)$

Have a look what the booklet for
Yxy(14.3721, 0.3026, 0.4607)
contains.

Yxy(14.3743, 0.3023, 0.4599)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(14.3743, 0.3023, 0.4599)

Conversions

Conversions Part 1

Format	Color
Hex	3E7642
RGB	62, 118, 66
RGB Percent	24%, 46%, 26%
CMY	0.7569, 0.5372, 0.7411
CMYK	0.47, 0.00, 0.44, 0.54
HSL	124°, 31%, 35%
HSV	124°, 47%, 46%
XYZ	9.4485, 14.3743, 7.4325
YIQ	95.3280, -16.6840, -28.0440

Conversions

Conversions Part 2

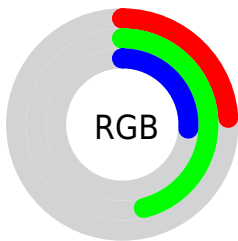
Format	Color
RYB	62, 114, 118
Decimal	4093506
CIELab	44.77, -30.30, 23.03
CIELCh	45, 38.056, 142.761
Yxy	14.3743, 0.3023, 0.4599
Android (android.graphics.Color)	4282283586 (0xFF3E7642)
YUV	95.3280, -14.4587, -29.2287
Hunter-Lab	37.9135, -21.8643, 14.9163

Details

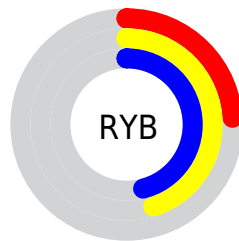
The Yxy color **14.3743, 0.3023, 0.4599** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **8.5112, 0.3248, 0.2260**, and the grayscale version is **11.5653, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.8743, 0.3066, 0.4244**, and **4.3491, 0.2882, 0.5360** is the 20% darker color. If you saturate the color by 10%, you get **13.9169, 0.3005, 0.4923**, and if you desaturate by 10%, it is **14.9405, 0.3044, 0.4280**.

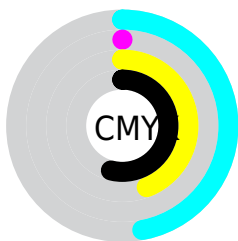
Distribution



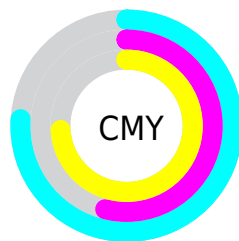
- Red (24%)
- Green (46%)
- Blue (26%)



- Red (24%)
- Yellow (45%)
- Blue (46%)



- Cyan (47%)
- Magenta (0%)
- Yellow (44%)
- Black (54%)



- Cyan (76%)
- Magenta (54%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 14.3743, 0.3023, 0.4599 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 14.3743, 0.3023, 0.4599 by changing the saturation by 10% instead.

■ 14.3743, 0.3023,
0.4599

■ 14.3743, 0.3023,
0.4599

■ 219.5471, 0.3110,
0.3777

■ 8.3815, 0.2974,
0.4894

■ 33.7517, 0.3070,
0.4244

■ 4.3400, 0.2881,
0.5349

■ 47.9051, 0.3082,
0.4129

■ 1.8655, 0.2857,
0.6547

■ 65.5474, 0.3090,
0.4039

■ 0.5275, 0.0000,
1.0000

■ 87.0630, 0.3097,
0.3966

■ 0.0000, 0.0000,
0.0000

■ 112.8364, 0.3101,
0.3906

■ 143.2520, 0.3105,

0.3856

178.6941, 0.3108,
0.3813

■ 14.3743, 0.3023,
0.4599

■ 14.3743, 0.3023,
0.4599

■ 13.9169, 0.3005,
0.4923

■ 14.9405, 0.3044,
0.4280

■ 13.5597, 0.2991,
0.5233

■ 15.6200, 0.3067,
0.3979

■ 13.2956, 0.2983,
0.5510

■ 16.4191, 0.3089,
0.3703

■ 13.1159, 0.2981,
0.5733

■ 17.3432, 0.3111,
0.3456

■ 13.0014, 0.2981,
0.5892

■ 18.3973, 0.3132,
0.3237

■ 12.9759, 0.2979,
0.5924

■ 19.5863, 0.3152,
0.3046

■ 20.9145, 0.3170,
0.2880

■ 22.3864, 0.3186,
0.2736

■ 24.0061, 0.3201,
0.2612

Harmonies

Analogous

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



14.3743, 0.3770, 0.4719



14.3743, 0.3023, 0.4599



14.3743, 0.2344, 0.3934

Triad

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



14.3743, 0.3023, 0.4599



14.3743, 0.1938, 0.2155



14.3743, 0.4504, 0.3250

Complementary

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



14.3743, 0.3023, 0.4599



8.5112, 0.3248, 0.2260

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.



14.3743, 0.3880, 0.2726



14.3743, 0.3023, 0.4599



14.3743, 0.2378, 0.2123

Square

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



14.3743, 0.3023, 0.4599



14.3743, 0.1779, 0.2467



14.3743, 0.3072, 0.2328



14.3743, 0.4680, 0.3824

Rectangle

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



14.3743, 0.3023, 0.4599



14.3743, 0.2021, 0.3363



14.3743, 0.3072, 0.2328



14.3743, 0.4337, 0.3066

Sweetspot

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



14.3749, 0.3023, 0.4599



29.3509, 0.3096, 0.3623



16.9006, 0.3741, 0.4414



6.6862, 0.3092, 0.3667



60.3827, 0.3127, 0.3290



7.3239, 0.3127, 0.3290

Same Dimension

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



14.3749, 0.3023, 0.4599



24.4019, 0.3003, 0.4953



14.7848, 0.2750, 0.3882



4.1021, 0.3108, 0.3493



14.0367, 0.2980, 0.5927



68.3525, 0.2991, 0.5966

Inverse Universe

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



8.5112, 0.3248, 0.2260



12.7429, 0.3280, 0.2057



7.9728, 0.3795, 0.2780



3.7536, 0.3147, 0.3095



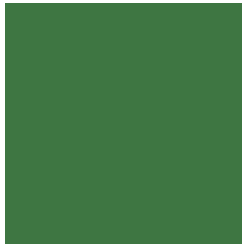
5.3732, 0.3391, 0.1642



26.1307, 0.3401, 0.1647

Previews

White Background



This preview shows how the Yxy color 14.3743, 0.3023, 0.4599 looks on a white background.

Color Contrast Check

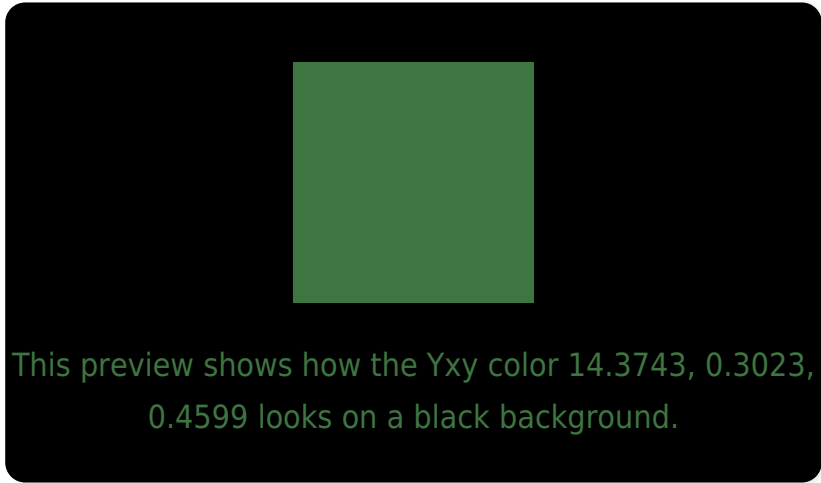
Large Text (above 18pt) WCAG AA ✓ Pass

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

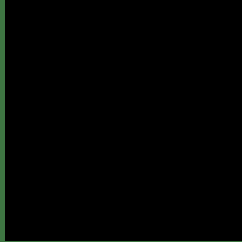
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.3743, 0.3023, 0.4599

Background



This preview shows how black text looks on a background with the Yxy color 14.3743, 0.3023, 0.4599.



This preview shows how white text looks on a background with the Yxy color 14.3743, 0.3023, 0.4599.

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

14.3743, 0.3023, 0.4599

Protanopia

14.1531, 0.3885, 0.4199

Deuteranopia

14.1852, 0.3954, 0.3905



Tritanopia

14.4247, 0.2583, 0.3087

Trichromacy



Original Color

14.3743, 0.3023, 0.4599

Protanomaly

13.9975, 0.3519, 0.4360

Deuteranomaly

13.8286, 0.3568, 0.4137

Tritanomaly

14.2763, 0.2746, 0.3600

Monochromacy



Original Color

14.3743, 0.3023, 0.4599

Achromatopsia

11.4435, 0.3127, 0.3290

Achromatomaly

12.1796, 0.3091, 0.3758

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.3743, 0.3023, 0.4599 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(62, 118, 66)` looks like.

```
.text, #text, p{  
    color:rgb(62, 118, 66)  
}
```

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(62, 118, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 118, 66) }
```

Border

The CSS property to change the border of an element to Yxy 14.3743, 0.3023, 0.4599 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(62, 118, 66) }
```

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

```
.border{ border-color:rgb(62, 118, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 118, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 118, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 118, 66);  
box-shadow:4px 4px 4px 4px rgb(62, 118,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 14.3743, 0.3023, 0.4599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 118, 66) }
```

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

```
.background{ background-color: rgb(62, 118,  
66) }
```

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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