

Converting Colors

$Y_{xy}(15.2559, 0.3645, 0.4035)$

Have a look what the booklet for
Yxy(15.2559, 0.3645, 0.4035)
contains.

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Color

Yxy(15.2237, 0.3651, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	726E4A
RGB	114, 110, 74
RGB Percent	45%, 43%, 29%
CMY	0.5529, 0.5686, 0.7099
CMYK	0.00, 0.04, 0.35, 0.55
HSL	54°, 21%, 37%
HSV	54°, 35%, 45%
XYZ	13.7510, 15.2237, 8.6890
YIQ	107.0920, 13.9400, -10.3480

Conversions

Conversions Part 2

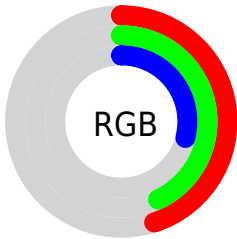
Format	Color
RYB	78, 114, 74
Decimal	7499338
CIELab	45.94, -4.50, 20.69
CIELCh	46, 21.168, 102.260
Yxy	15.2237, 0.3651, 0.4042
Android (android.graphics.Color)	4285689418 (0xFF726E4A)
YUV	107.0920, -16.3144, 6.0583
Hunter-Lab	39.0176, -5.3716, 14.1087

Details

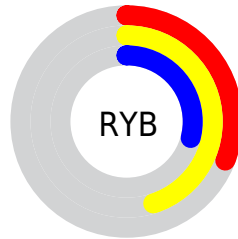
The Yxy color **15.2237, 0.3651, 0.4042** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.1161, 0.2544, 0.2406**, and the grayscale version is **14.7731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.0268, 0.3526, 0.3854**, and **4.7675, 0.3866, 0.4411** is the 20% darker color. If you saturate the color by 10%, you get **14.8403, 0.3802, 0.4249**, and if you desaturate by 10%, it is **15.6395, 0.3497, 0.3826**.

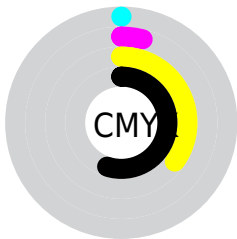
Distribution



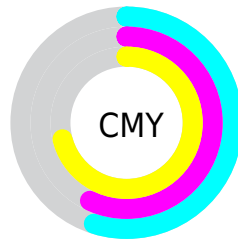
- Red (45%)
- Green (43%)
- Blue (29%)



- Red (31%)
- Yellow (45%)
- Blue (29%)



- Cyan (0%)
- Magenta (4%)
- Yellow (35%)
- Black (55%)





- Cyan (55%)
- Magenta (57%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2237, 0.3651, 0.4042 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 15.2237, 0.3651, 0.4042 by changing the saturation by 10% instead.


 15.2237, 0.3651,
0.4042


 15.2237, 0.3651,
0.4042


224.7163, 0.3347,
0.3595


 8.9765, 0.3743,
0.4185


 35.2451, 0.3529,
0.3858


 4.7259, 0.3870,
0.4391

 49.7882, 0.3487,
0.3796


 2.0873, 0.4121,
0.4789

 67.8654, 0.3452,
0.3746

 0.6575, 0.4393,
0.5607

 89.8610, 0.3424,
0.3705

 0.0000, 0.0000,
0.0000

 116.1595, 0.3400,
0.3671

147.1453, 0.3380,

0.3642

183.2027, 0.3362,
0.3617

■ 15.2237, 0.3651,
0.4042

■ 15.2237, 0.3651,
0.4042

■ 14.8403, 0.3802,
0.4249

■ 15.6395, 0.3497,
0.3826

■ 14.4856, 0.3946,
0.4439

■ 16.0871, 0.3345,
0.3609

■ 14.1588, 0.4076,
0.4604

■ 16.5684, 0.3199,
0.3396

■ 13.8580, 0.4187,
0.4736

■ 17.0846, 0.3060,
0.3191

■ 13.5811, 0.4275,
0.4830

■ 17.6370, 0.2931,
0.2997

■ 13.3243, 0.4341,
0.4886

■ 18.2266, 0.2811,
0.2816

■ 13.2013, 0.4372,
0.4911

■ 18.8545, 0.2701,
0.2649

■ 19.5217, 0.2601,
0.2494

■ 20.2292, 0.2511,
0.2353

Harmonies

Analogous

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



15.2237, 0.3924, 0.3843



15.2237, 0.3651, 0.4042



15.2237, 0.3248, 0.4028

Triad

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



15.2237, 0.3651, 0.4042



15.2237, 0.2347, 0.2961



15.2237, 0.3397, 0.2873

Complementary

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



15.2237, 0.3651, 0.4042



8.1161, 0.2544, 0.2406

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.



15.2237, 0.2960, 0.2665



15.2237, 0.3651, 0.4042



15.2237, 0.2379, 0.2694

Square

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



15.2237, 0.3651, 0.4042



15.2237, 0.2505, 0.3357



15.2237, 0.2595, 0.2597



15.2237, 0.3779, 0.3179

Rectangle

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



15.2237, 0.3651, 0.4042



15.2237, 0.2963, 0.3878



15.2237, 0.2595, 0.2597



15.2237, 0.3251, 0.2790

Sweetspot

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



15.2244, 0.3651, 0.4042



28.5850, 0.3289, 0.3527



9.0226, 0.3821, 0.3204



6.5916, 0.3303, 0.3548



58.7016, 0.3127, 0.3290



6.8385, 0.3127, 0.3290

Same Dimension

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



15.2244, 0.3651, 0.4042



26.2103, 0.3772, 0.4208



15.1255, 0.3398, 0.4183



3.8621, 0.3255, 0.3478



14.6817, 0.4373, 0.4910



72.4217, 0.4384, 0.4901

Inverse Universe

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



8.1161, 0.2544, 0.2406



11.7551, 0.2391, 0.2165



8.2834, 0.2772, 0.2367



3.3492, 0.2996, 0.3095



1.6147, 0.1529, 0.0703



7.4199, 0.1515, 0.0654

Previews

White Background



This preview shows how the Yxy color 15.2237, 0.3651, 0.4042 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



This preview shows how the Yxy color 15.2237, 0.3651, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

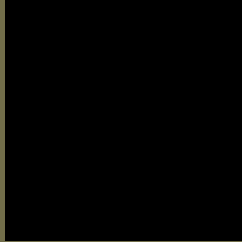
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

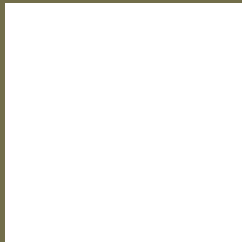
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.2237, 0.3651, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 15.2237, 0.3651, 0.4042.



This preview shows how white text looks on a background with the Yxy color 15.2237, 0.3651, 0.4042.

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

15.2237, 0.3651, 0.4042

Protanopia

15.2699, 0.3730, 0.4027

Deuteranopia

15.1545, 0.3920, 0.3851



Tritanopia

15.2173, 0.3219, 0.3132

Trichromacy



Original Color

15.2237, 0.3651, 0.4042

Protanomaly

15.2002, 0.3715, 0.4031

Deuteranomaly

15.1012, 0.3814, 0.3909

Tritanomaly

15.1982, 0.3374, 0.3454

Monochromacy



Original Color

15.2237, 0.3651, 0.4042

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.8663, 0.3324, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2237, 0.3651, 0.4042 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(114, 110, 74)` looks like.

```
.text, #text, p{  
    color:rgb(114, 110, 74)  
}
```

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(114, 110, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 110, 74) }
```

Border

The CSS property to change the border of an element to Yxy 15.2237, 0.3651, 0.4042 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(114, 110, 74) }
```

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

```
.border{ border-color:rgb(114, 110, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 110, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 110, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 110, 74);  
box-shadow:4px 4px 4px 4px rgb(114, 110,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2237, 0.3651, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 110, 74) }
```

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

```
.background{ background-color: rgb(114,  
110, 74) }
```

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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