

Converting Colors

$Y_{xy}(15.0636, 0.3719, 0.4290)$

Have a look what the booklet for
Yxy(15.0636, 0.3719, 0.4290)
contains.

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Color

Yxy(15.0428, 0.3720, 0.4301)

Conversions

Conversions Part 1

Format	Color
Hex	6E6F3F
RGB	110, 111, 63
RGB Percent	43%, 44%, 25%
CMY	0.5687, 0.5647, 0.7529
CMYK	0.01, 0.00, 0.43, 0.56
HSL	61°, 28%, 34%
HSV	61°, 43%, 44%
XYZ	13.0107, 15.0428, 6.9216
YIQ	105.2290, 14.8120, -15.1400

Conversions

Conversions Part 2

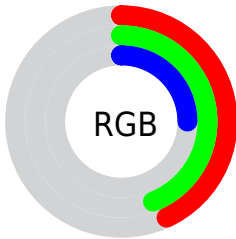
Format	Color
RYB	63, 111, 64
Decimal	7237439
CIELab	45.69, -8.23, 26.55
CIELCh	46, 27.794, 107.226
Yxy	15.0428, 0.3720, 0.4301
Android (android.graphics.Color)	4285427519 (0xFF6E6F3F)
YUV	105.2290, -20.8189, 4.1842
Hunter-Lab	38.7850, -7.9946, 16.5686

Details

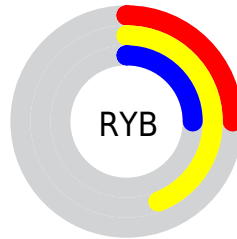
The Yxy color **15.0428, 0.3720, 0.4301** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **5.7950, 0.2385, 0.2043**, and the grayscale version is **14.2464, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.1508, 0.3588, 0.4052**, and **4.5908, 0.3946, 0.4753** is the 20% darker color. If you saturate the color by 10%, you get **14.9164, 0.3841, 0.4511**, and if you desaturate by 10%, it is **15.1956, 0.3588, 0.4073**.

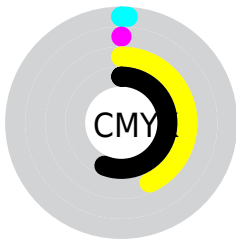
Distribution



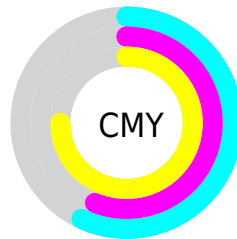
- Red (43%)
- Green (44%)
- Blue (25%)



- Red (25%)
- Yellow (44%)
- Blue (25%)



- Cyan (1%)
- Magenta (0%)
- Yellow (43%)
- Black (56%)





- Cyan (57%)
- Magenta (56%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.0428, 0.3720, 0.4301 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 15.0428, 0.3720, 0.4301 by changing the saturation by 10% instead.


 15.0428, 0.3720,
0.4301


 15.0428, 0.3720,
0.4301


 223.6251, 0.3383,
0.3697

 8.8494, 0.3814,
0.4493


 34.9282, 0.3588,
0.4053


 4.6431, 0.3934,
0.4764

 49.3891, 0.3542,
0.3969

 2.0394, 0.4367,
0.5536

 67.3746, 0.3503,
0.3901

 0.6302, 0.3871,
0.6129

 89.2691, 0.3471,
0.3846

 0.0000, 0.0000,
0.0000

 115.4570, 0.3444,
0.3799

 146.3227, 0.3421,

0.3760

182.2506, 0.3400,
0.3726

■ 15.0428, 0.3720,
0.4301

■ 15.0428, 0.3720,
0.4301

■ 14.9164, 0.3841,
0.4511

■ 15.1956, 0.3588,
0.4073

■ 14.8130, 0.3947,
0.4695

■ 15.3742, 0.3449,
0.3837

■ 14.7314, 0.4032,
0.4847

■ 15.5805, 0.3309,
0.3598

■ 14.6698, 0.4095,
0.4961

■ 15.8158, 0.3171,
0.3364

■ 14.6255, 0.4135,
0.5036

■ 16.0812, 0.3038,
0.3139

■ 14.5989, 0.4158,
0.5081

■ 16.3777, 0.2912,
0.2927

■ 16.7064, 0.2794,
0.2729

■ 17.0683, 0.2685,
0.2546

■ 17.4642, 0.2585,
0.2378

Harmonies

Analogous

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



15.0428, 0.4124, 0.4051



15.0428, 0.3720, 0.4301



15.0428, 0.3178, 0.4248

Triad

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



15.0428, 0.3720, 0.4301



15.0428, 0.2114, 0.2774



15.0428, 0.3572, 0.2809

Complementary

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



15.0428, 0.3720, 0.4301



5.7950, 0.2385, 0.2043

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.



15.0428, 0.2993, 0.2523



15.0428, 0.3720, 0.4301



15.0428, 0.2195, 0.2477

Square

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



15.0428, 0.3720, 0.4301



15.0428, 0.2269, 0.3273



15.0428, 0.2500, 0.2400



15.0428, 0.4053, 0.3206

Rectangle

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



15.0428, 0.3720, 0.4301



15.0428, 0.2814, 0.4013



15.0428, 0.2500, 0.2400



15.0428, 0.3380, 0.2698

Sweetspot

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



15.0435, 0.3720, 0.4301



27.8910, 0.3310, 0.3601



7.3843, 0.4160, 0.3311



6.6839, 0.3336, 0.3643



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.



15.0435, 0.3720, 0.4301



26.7029, 0.3843, 0.4515



13.7179, 0.3372, 0.4431



3.9128, 0.3250, 0.3498



17.1991, 0.4158, 0.5081



85.6260, 0.4156, 0.5082

Inverse Universe

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



5.7950, 0.2385, 0.2043



7.7605, 0.2180, 0.1702



6.7693, 0.2764, 0.2162



3.3035, 0.2999, 0.3073



1.3689, 0.1511, 0.0606



6.7711, 0.1505, 0.0603

Previews

White Background



This preview shows how the Yxy color 15.0428, 0.3720, 0.4301 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 15.0428, 0.3720, 0.4301 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

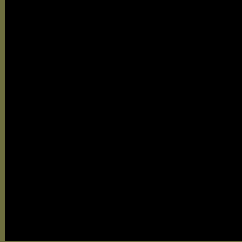
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

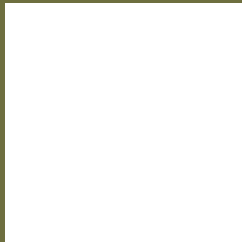
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.0428, 0.3720, 0.4301

Background



This preview shows how black text looks on a background with the Yxy color 15.0428, 0.3720, 0.4301.



This preview shows how white text looks on a background with the Yxy color 15.0428, 0.3720, 0.4301.

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

15.0428, 0.3720, 0.4301

Protanopia

14.9949, 0.3892, 0.4217

Deuteranopia

14.9074, 0.4082, 0.4013



Tritanopia

15.0084, 0.3177, 0.3129

Trichromacy



Original Color

15.0428, 0.3720, 0.4301

Protanomaly

14.9981, 0.3838, 0.4251

Deuteranomaly

14.8892, 0.3946, 0.4123

Tritanomaly

14.9190, 0.3385, 0.3541

Monochromacy



Original Color

15.0428, 0.3720, 0.4301

Achromatopsia

14.1263, 0.3127, 0.3290

Achromatomaly

14.3794, 0.3350, 0.3659

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.0428, 0.3720, 0.4301 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(110, 111, 63)` looks like.

```
.text, #text, p{  
    color:rgb(110, 111, 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(110, 111, 63) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 111, 63) }
```

Border

The CSS property to change the border of an element to Yxy 15.0428, 0.3720, 0.4301 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(110, 111, 63) }
```

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

```
.border{ border-color:rgb(110, 111, 63) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 111, 63)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 111, 63); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 111, 63);  
box-shadow:4px 4px 4px 4px rgb(110, 111,  
63) }
```


Background

The CSS property to change the background color of an element to Yxy 15.0428, 0.3720, 0.4301 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 111, 63) }
```

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

```
.background{ background-color: rgb(110,  
111, 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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