

Converting Colors

$Y_{xy}(15.9373, 0.3473, 0.4079)$

Have a look what the booklet for
Yxy(15.9373, 0.3473, 0.4079)
contains.

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Color

Yxy(15.9373, 0.3473, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	6B734E
RGB	107, 115, 78
RGB Percent	42%, 45%, 31%
CMY	0.5804, 0.5490, 0.6942
CMYK	0.07, 0.00, 0.32, 0.55
HSL	73°, 19%, 38%
HSV	73°, 32%, 45%
XYZ	13.5696, 15.9373, 9.5647
YIQ	108.3900, 7.1090, -13.2030

Conversions

Conversions Part 2

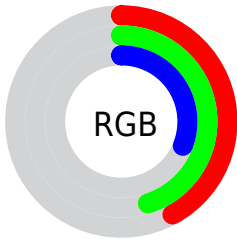
Format	Color
RYB	78, 115, 86
Decimal	7041870
CIELab	46.89, -9.76, 19.53
CIElCh	47, 21.832, 116.562
Yxy	15.9373, 0.3473, 0.4079
Android (android.graphics.Color)	4285231950 (0xFF6B734E)
YUV	108.3900, -14.9823, -1.2190
Hunter-Lab	39.9215, -9.1895, 13.7399

Details

The Yxy color **15.9373, 0.3473, 0.4079** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **8.6608, 0.2704, 0.2426**, and the grayscale version is **15.1533, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.5407, 0.3401, 0.3890**, and **5.0539, 0.3603, 0.4457** is the 20% darker color. If you saturate the color by 10%, you get **15.6356, 0.3573, 0.4331**, and if you desaturate by 10%, it is **16.2737, 0.3367, 0.3826**.

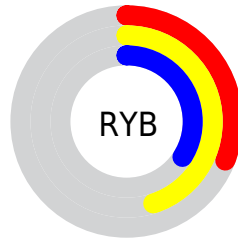
Distribution



Red (42%)

Green (45%)

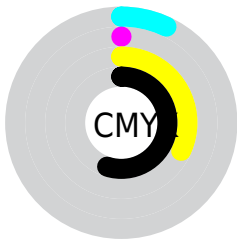
Blue (31%)



Red (31%)

Yellow (45%)

Blue (34%)

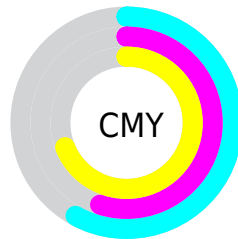


Cyan (7%)

Magenta (0%)

Yellow (32%)

Black (55%)



Cyan (58%)

Magenta (55%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 15.9373, 0.3473, 0.4079 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 15.9373, 0.3473, 0.4079 by changing the saturation by 10% instead.

■ 15.9373, 0.3473,
0.4079

■ 15.9373, 0.3473,
0.4079

■ 228.9715, 0.3277,
0.3606

■ 9.4798, 0.3529,
0.4234

■ 36.4893, 0.3396,
0.3883

■ 5.0554, 0.3603,
0.4461

■ 51.3526, 0.3369,
0.3817

■ 2.2798, 0.3722,
0.4851

■ 69.7867, 0.3347,
0.3764

■ 0.7630, 0.3895,
0.6105

■ 92.1758, 0.3328,
0.3721

■ 0.0000, 0.0000,
0.0000

■ 118.9045, 0.3313,
0.3685

150.3570, 0.3299,

0.3655

186.9179, 0.3287,
0.3629

■ 15.9373, 0.3473,
0.4079

■ 15.9373, 0.3473,
0.4079

■ 15.6356, 0.3573,
0.4331

■ 16.2737, 0.3367,
0.3826

■ 15.3649, 0.3662,
0.4573

■ 16.6441, 0.3258,
0.3578

■ 15.1243, 0.3736,
0.4796


■ 17.0505, 0.3150,
0.3340


■ 14.9118, 0.3791,
0.4989

■ 17.4943, 0.3046,
0.3117


■ 14.7255, 0.3823,
0.5146


■ 17.9765, 0.2946,
0.2909


 14.5628, 0.3832,
0.5262

 18.4984, 0.2852,
0.2718

 14.4444, 0.3832,
0.5340

 19.0610, 0.2764,
0.2544

 19.6653, 0.2683,
0.2386

 20.3125, 0.2608,
0.2242

Harmonies

Analogous

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



15.9373, 0.3827, 0.3969



15.9373, 0.3473, 0.4079



15.9373, 0.3041, 0.3942

Triad

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



15.9373, 0.3473, 0.4079



15.9373, 0.2327, 0.2805



15.9373, 0.3602, 0.3005

Complementary

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



15.9373, 0.3473, 0.4079



8.6608, 0.2704, 0.2426

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.



15.9373, 0.3167, 0.2741



15.9373, 0.3473, 0.4079



15.9373, 0.2450, 0.2616

Square

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



15.9373, 0.3473, 0.4079



15.9373, 0.2396, 0.3155



15.9373, 0.2748, 0.2600



15.9373, 0.3915, 0.3343

Rectangle

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



15.9373, 0.3473, 0.4079



15.9373, 0.2769, 0.3721



15.9373, 0.2748, 0.2600



15.9373, 0.3464, 0.2906

Sweetspot

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



15.9380, 0.3473, 0.4079



29.9391, 0.3237, 0.3531



10.7524, 0.3765, 0.3453



7.1237, 0.3249, 0.3558



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.



15.9380, 0.3473, 0.4079



28.1103, 0.3552, 0.4277



14.9397, 0.3227, 0.4144



4.2283, 0.3224, 0.3502



16.5032, 0.3829, 0.5342



80.0393, 0.3809, 0.5357

Inverse Universe

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



8.6608, 0.2704, 0.2426



12.8013, 0.2577, 0.2183



9.6205, 0.2983, 0.2492



3.6245, 0.3025, 0.3073



1.6403, 0.1638, 0.0676



7.6785, 0.1599, 0.0655

Previews

White Background



This preview shows how the Yxy color 15.9373, 0.3473, 0.4079 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 15.9373, 0.3473, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

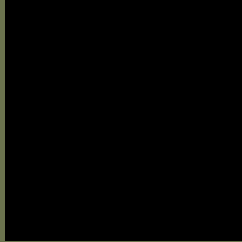
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

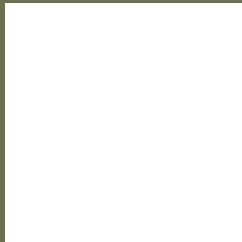
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 15.9373, 0.3473, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 15.9373, 0.3473, 0.4079.



This preview shows how white text looks on a background with the Yxy color 15.9373, 0.3473, 0.4079.

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

15.9373, 0.3473, 0.4079

Protanopia

15.8838, 0.3707, 0.3996

Deuteranopia

15.7928, 0.3865, 0.3787



Tritanopia

15.9285, 0.3043, 0.3110

Trichromacy



Original Color

15.9373, 0.3473, 0.4079

Protanomaly

15.7690, 0.3615, 0.4014

Deuteranomaly

15.7127, 0.3725, 0.3889

Tritanomaly

15.9028, 0.3200, 0.3456

Monochromacy



Original Color

15.9373, 0.3473, 0.4079

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

15.4201, 0.3263, 0.3587

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9373, 0.3473, 0.4079 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(107, 115, 78)` looks like.

```
.text, #text, p{  
    color:rgb(107, 115, 78)  
}
```

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(107, 115, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(107, 115, 78) }
```

Border

The CSS property to change the border of an element to Yxy 15.9373, 0.3473, 0.4079 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(107, 115, 78) }
```

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

```
.border{ border-color:rgb(107, 115, 78) }
```

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

Here you see how a box with a 4 pixel rgb(107, 115, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(107, 115, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(107, 115, 78);  
box-shadow:4px 4px 4px 4px rgb(107, 115,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9373, 0.3473, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(107, 115, 78) }
```

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

```
.background{ background-color: rgb(107,  
115, 78) }
```

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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