

Converting Colors

$Y_{xy}(15.2471, 0.3502, 0.3573)$

Have a look what the booklet for
Yxy(15.2471, 0.3502, 0.3573)
contains.

Yxy(15.2988, 0.3500, 0.3575)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(15.2988, 0.3500, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	786B5D
RGB	120, 107, 93
RGB Percent	47%, 42%, 36%
CMY	0.5294, 0.5804, 0.6353
CMYK	0.00, 0.11, 0.23, 0.53
HSL	31°, 13%, 42%
HSV	31°, 23%, 47%
XYZ	14.9778, 15.2988, 12.5172
YIQ	109.2910, 12.2420, -1.5980

Conversions

Conversions Part 2

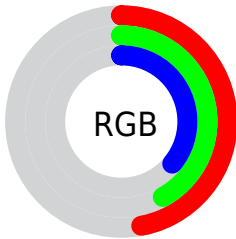
Format	Color
RYB	118, 120, 93
Decimal	7891805
CIELab	46.04, 2.65, 9.72
CIELCh	46, 10.074, 74.742
Yxy	15.2988, 0.3500, 0.3575
Android (android.graphics.Color)	4286081885 (0xFF786B5D)
YUV	109.2910, -8.0315, 9.3918
Hunter-Lab	39.1137, -0.0957, 8.4055

Details

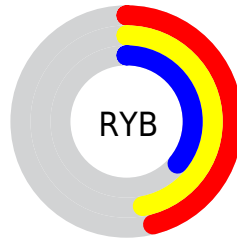
The Yxy color **15.2988, 0.3500, 0.3575** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.9852, 0.2788, 0.2987**, and the grayscale version is **15.4004, 0.3127, 0.3290**.

A 20% lighter version of the original color is **35.3211, 0.3417, 0.3507**, and **4.7765, 0.3674, 0.3712** is the 20% darker color. If you saturate the color by 10%, you get **13.9399, 0.3700, 0.3709**, and if you desaturate by 10%, it is **16.7727, 0.3322, 0.3445**.

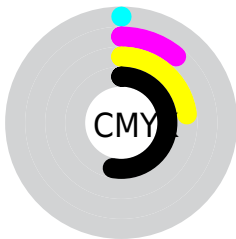
Distribution



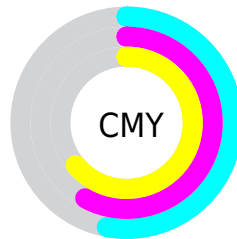
- Red (47%)
- Green (42%)
- Blue (36%)



- Red (46%)
- Yellow (47%)
- Blue (36%)



- Cyan (0%)
- Magenta (11%)
- Yellow (23%)
- Black (53%)





- Cyan (53%)
- Magenta (58%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.2988, 0.3500, 0.3575 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 15.2988, 0.3500, 0.3575 by changing the saturation by 10% instead.


 15.2988, 0.3500,
0.3575


 15.2988, 0.3500,
0.3575


225.1677, 0.3279,
0.3408


 9.0294, 0.3572,
0.3628


 35.3765, 0.3409,
0.3507


 4.7603, 0.3677,
0.3704

 49.9536, 0.3378,
0.3484

 2.1073, 0.3847,
0.3823

 68.0686, 0.3353,
0.3465

 0.6687, 0.4940,
0.4717

 90.1061, 0.3333,
0.3450

 0.0000, 0.0000,
0.0000

116.4503, 0.3316,
0.3437

147.4858, 0.3302,

0.3426

183.5968, 0.3289,
0.3416

■ 15.2988, 0.3500,
0.3575

■ 15.2988, 0.3500,
0.3575

■ 13.9399, 0.3700,
0.3709

■ 16.7727, 0.3322,
0.3445

■ 12.6909, 0.3920,
0.3841

■ 18.3626, 0.3164,
0.3320

■ 11.5492, 0.4159,
0.3966

■ 20.0719, 0.3025,
0.3203

■ 10.5113, 0.4411,
0.4073

■ 21.9035, 0.2902,
0.3094

■ 9.5735, 0.4666,
0.4154

■ 23.8598, 0.2795,
0.2994

■ 8.7316, 0.4912,
0.4196

■ 25.9435, 0.2701,
0.2901

■ 7.9812, 0.5135,
0.4191

■ 28.1570, 0.2618,
0.2816

■ 7.4695, 0.5299,
0.4174

■ 30.5027, 0.2545,
0.2739

■ 32.9829, 0.2481,
0.2667

Harmonies

Analogous

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



15.2988, 0.3529, 0.3430



15.2988, 0.3500, 0.3575



15.2988, 0.3369, 0.3648

Triad

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



15.2988, 0.3500, 0.3575



15.2988, 0.2816, 0.3312



15.2988, 0.3069, 0.2985

Complementary

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



15.2988, 0.3500, 0.3575



13.9852, 0.2788, 0.2987

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.



15.2988, 0.2883, 0.2948



15.2988, 0.3500, 0.3575



15.2988, 0.2741, 0.3129

Square

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



15.2988, 0.3500, 0.3575



15.2988, 0.2974, 0.3496



15.2988, 0.2765, 0.2998



15.2988, 0.3276, 0.3096

Rectangle

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



15.2988, 0.3500, 0.3575



15.2988, 0.3244, 0.3642



15.2988, 0.2765, 0.2998



15.2988, 0.3002, 0.2963

Sweetspot

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



15.2995, 0.3500, 0.3575



30.9701, 0.3235, 0.3377



12.8610, 0.3356, 0.3026



7.3120, 0.3242, 0.3383



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.2995, 0.3500, 0.3575



25.6549, 0.3600, 0.3644



18.1810, 0.3443, 0.3823



4.3272, 0.3265, 0.3401



8.1215, 0.5305, 0.4170



37.0275, 0.5378, 0.4112

Inverse Universe

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



13.9852, 0.2788, 0.2987



22.9128, 0.2707, 0.2908



11.5332, 0.2774, 0.2697



4.1820, 0.2994, 0.3176



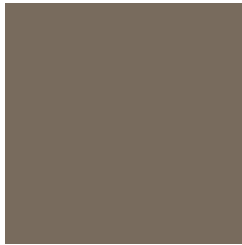
4.7198, 0.1770, 0.1570



20.8272, 0.1745, 0.1482

Previews

White Background



This preview shows how the Yxy color 15.2988, 0.3500, 0.3575 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 15.2988, 0.3500, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

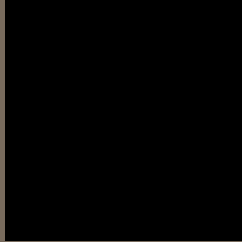
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.2988, 0.3500, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 15.2988, 0.3500, 0.3575.



This preview shows how white text looks on a background with the Yxy color 15.2988, 0.3500, 0.3575.

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

15.2988, 0.3500, 0.3575

Protanopia

15.3903, 0.3406, 0.3601

Deuteranopia

15.2534, 0.3583, 0.3529



Tritanopia

15.2081, 0.3276, 0.3133

Trichromacy



Original Color

15.2988, 0.3500, 0.3575

Protanomaly

15.3152, 0.3439, 0.3578

Deuteranomaly

15.3093, 0.3548, 0.3551

Tritanomaly

15.1880, 0.3355, 0.3291

Monochromacy



Original Color

15.2988, 0.3500, 0.3575

Achromatopsia

15.2926, 0.3127, 0.3290

Achromatomaly

15.2151, 0.3261, 0.3394

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.2988, 0.3500, 0.3575 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(120, 107, 93)` looks like.

```
.text, #text, p{  
    color:rgb(120, 107, 93)  
}
```

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(120, 107, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 107, 93) }
```

Border

The CSS property to change the border of an element to Yxy 15.2988, 0.3500, 0.3575 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(120, 107, 93) }
```

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

```
.border{ border-color:rgb(120, 107, 93) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 107, 93)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 107, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 107, 93);  
box-shadow:4px 4px 4px 4px rgb(120, 107,  
93) }
```


Background

The CSS property to change the background color of an element to Yxy 15.2988, 0.3500, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 107, 93) }
```

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

```
.background{ background-color: rgb(120,  
107, 93) }
```

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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