

Converting Colors

$Y_{xy}(11.7452, 0.3471, 0.3391)$

Have a look what the booklet for
Yxy(11.7452, 0.3471, 0.3391)
contains.

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Color

Yxy(11.8483, 0.3475, 0.3401)

Conversions

Conversions Part 1	
Format	Color
Hex	6E5D58
RGB	110, 93, 88
RGB Percent	43%, 36%, 35%
CMY	0.5686, 0.6353, 0.6549
CMYK	0.00, 0.15, 0.20, 0.57
HSL	14°, 11%, 39%
HSV	14°, 20%, 43%
XYZ	12.1061, 11.8483, 10.8833
YIQ	97.5130, 11.7370, 2.0490

Conversions

Conversions Part 2

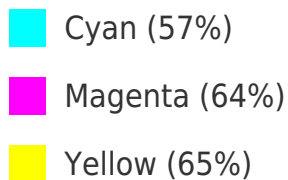
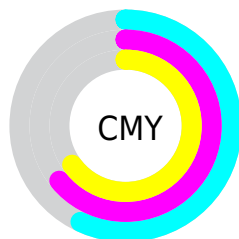
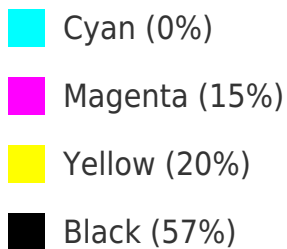
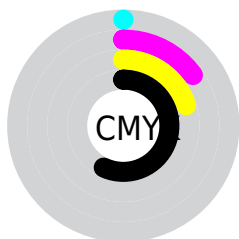
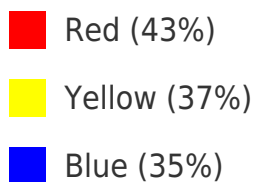
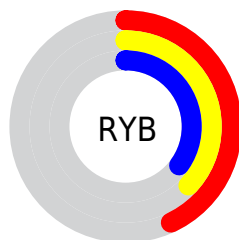
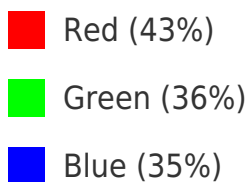
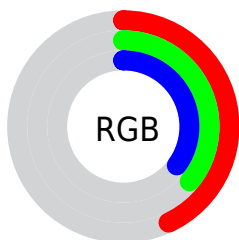
Format	Color
RYB	110, 94, 88
Decimal	7232856
CIELab	40.97, 5.99, 5.41
CIELCh	41, 8.075, 42.095
Yxy	11.8483, 0.3475, 0.3401
Android (android.graphics.Color)	4285422936 (0xFF6E5D58)
YUV	97.5130, -4.6899, 10.9511
Hunter-Lab	34.4214, 2.5416, 5.3487

Details

The Yxy color **11.8483, 0.3475, 0.3401** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **13.3043, 0.2839, 0.3176**, and the grayscale version is **12.0970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.1613, 0.3385, 0.3367**, and **3.2316, 0.3659, 0.3438** is the 20% darker color. If you saturate the color by 10%, you get **10.2697, 0.3700, 0.3461**, and if you desaturate by 10%, it is **13.6214, 0.3286, 0.3344**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 11.8483, 0.3475, 0.3401 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 11.8483, 0.3475, 0.3401 by changing the saturation by 10% instead.


 11.8483, 0.3475,
0.3401

 11.8483, 0.3475,
0.3401


203.3984, 0.3261,
0.3335


 6.6405, 0.3550,
0.3422


 29.2185, 0.3384,
0.3374

 3.2383, 0.3666,
0.3453

 42.1497, 0.3354,
0.3365

 1.2574, 0.3869,
0.3501

 58.4241, 0.3330,
0.3358

 0.1078, 0.6976,
0.3024

 78.4261, 0.3311,
0.3351


 0.0000, 0.0000,
0.0000


 102.5402, 0.3295,
0.3346


131.1506, 0.3282,

0.3342


164.6419, 0.3271,
0.3338

 11.8483, 0.3475,
0.3401


 11.8483, 0.3475,
0.3401


 10.2697, 0.3700,
0.3461


 13.6214, 0.3286,
0.3344


 8.8773, 0.3965,
0.3520


 15.5938, 0.3127,
0.3290

 7.6648, 0.4272,
0.3576


 17.7719, 0.2994,
0.3240


 6.6246, 0.4619,
0.3622


 20.1616, 0.2881,
0.3195

 5.7487, 0.4995,
0.3650


 22.7684, 0.2787,
0.3153

 5.0285, 0.5375,
0.3651


 25.5975, 0.2706,
0.3115


 4.4544, 0.5727,
0.3619

 28.6542, 0.2637,
0.3080

 4.0099, 0.6049,
0.3579

 31.9433, 0.2578,
0.3049

 4.0094, 0.6049,
0.3579

 35.4698, 0.2527,
0.3020

Harmonies

Analogous

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



11.8483, 0.3395, 0.3248



11.8483, 0.3475, 0.3401



11.8483, 0.3459, 0.3531

Triad

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



11.8483, 0.3475, 0.3401



11.8483, 0.3008, 0.3481



11.8483, 0.2902, 0.2991

Complementary

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



11.8483, 0.3475, 0.3401



13.3043, 0.2839, 0.3176

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.



11.8483, 0.2805, 0.3042



11.8483, 0.3475, 0.3401



11.8483, 0.2865, 0.3325

Square

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



11.8483, 0.3475, 0.3401



11.8483, 0.3186, 0.3584



11.8483, 0.2792, 0.3163



11.8483, 0.3061, 0.3016

Rectangle

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



11.8483, 0.3475, 0.3401



11.8483, 0.3396, 0.3586



11.8483, 0.2792, 0.3163



11.8483, 0.2861, 0.3000

Sweetspot

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



11.8488, 0.3475, 0.3401



25.2081, 0.3222, 0.3323



11.3204, 0.3221, 0.2921



5.8314, 0.3229, 0.3325



57.0482, 0.3127, 0.3290



6.3724, 0.3127, 0.3290

Same Dimension

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



11.8488, 0.3475, 0.3401



19.4789, 0.3575, 0.3429



13.8731, 0.3433, 0.3631



3.5132, 0.3269, 0.3338



4.7766, 0.6065, 0.3567



22.6844, 0.6152, 0.3497

Inverse Universe

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



13.3043, 0.2839, 0.3176



22.5306, 0.2773, 0.3147



11.2488, 0.2825, 0.2925



3.6930, 0.2996, 0.3241



9.1155, 0.2047, 0.2569



44.0698, 0.2035, 0.2526

Previews

White Background



This preview shows how the Yxy color 11.8483, 0.3475, 0.3401 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 11.8483, 0.3475, 0.3401 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

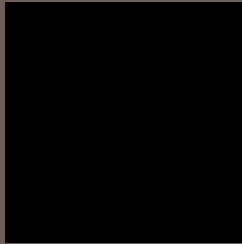
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.8483, 0.3475, 0.3401

Background



This preview shows how black text looks on a background with the Yxy color 11.8483, 0.3475, 0.3401.



This preview shows how white text looks on a background with the Yxy color 11.8483, 0.3475, 0.3401.

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

11.8483, 0.3475, 0.3401

Protanopia

11.8133, 0.3275, 0.3429

Deuteranopia

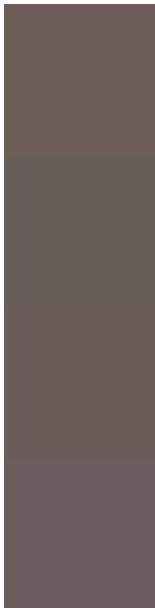
11.7845, 0.3459, 0.3402



Tritanopia

11.7625, 0.3326, 0.3118

Trichromacy



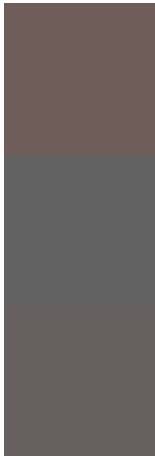
Original Color
11.8483, 0.3475, 0.3401

Protanomaly
11.8487, 0.3356, 0.3427

Deuteranomaly
11.7845, 0.3459, 0.3402

Tritanomaly
11.8600, 0.3386, 0.3226

Monochromacy



Original Color
11.8483, 0.3475, 0.3401

Achromatopsia
12.2139, 0.3127, 0.3290

Achromatomaly
11.9987, 0.3248, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.8483, 0.3475, 0.3401 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, 93, 88) looks like.

```
.text, #text, p{  
    color:rgb(110, 93, 88)  
}
```

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, 93, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 93, 88) }
```

Border

The CSS property to change the border of an element to Yxy 11.8483, 0.3475, 0.3401 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, 93, 88) }
```

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

```
.border{ border-color:rgb(110, 93, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 93, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 93, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 93, 88);  
box-shadow:4px 4px 4px 4px rgb(110, 93,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 11.8483, 0.3475, 0.3401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 93, 88) }
```

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

```
.background{ background-color: rgb(110, 93,  
88) }
```

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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