

Converting Colors

$Y_{xy}(14.2643, 0.3324, 0.3196)$

Have a look what the booklet for
Yxy(14.2643, 0.3324, 0.3196)
contains.

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Color

Yxy(14.2699, 0.3322, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	77656A
RGB	119, 101, 106
RGB Percent	47%, 40%, 42%
CMY	0.5334, 0.6039, 0.5844
CMYK	0.00, 0.15, 0.11, 0.53
HSL	343°, 8%, 43%
HSV	343°, 15%, 47%
XYZ	14.8604, 14.2699, 15.6030
YIQ	106.9520, 9.1230, 5.3710

Conversions

Conversions Part 2

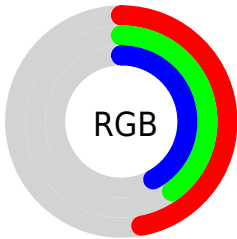
Format	Color
R_{YB}	119, 101, 106
Decimal	7824746
CIE Lab	44.62, 8.08, -0.15
CIE LCh	45, 8.079, 358.961
Yxy	14.2699, 0.3322, 0.3190
Android (android.graphics.Color)	4286014826 (0xFF77656A)
YUV	106.9520, -0.4693, 10.5661
Hunter-Lab	37.7755, 4.1123, 1.9535

Details

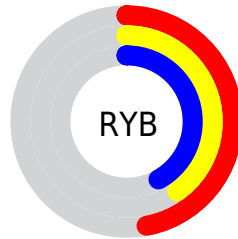
The Yxy color **14.2699, 0.3322, 0.3190** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.1716, 0.2963, 0.3392**, and the grayscale version is **14.6881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.5487, 0.3272, 0.3219**, and **4.2562, 0.3406, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **11.9545, 0.3487, 0.3119**, and if you desaturate by 10%, it is **16.9391, 0.3187, 0.3257**.

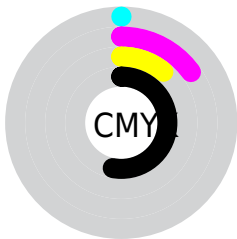
Distribution



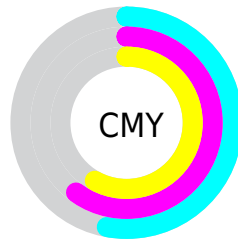
- Red (47%)
- Green (40%)
- Blue (42%)



- Red (47%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (53%)





- Cyan (53%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.2699, 0.3322, 0.3190 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 14.2699, 0.3322, 0.3190 by changing the saturation by 10% instead.


 14.2699, 0.3322,
0.3190


 14.2699, 0.3322,
0.3190


218.9035, 0.3206,
0.3250


 8.3086, 0.3360,
0.3170


 33.5672, 0.3274,
0.3215


 4.2931, 0.3418,
0.3141

 47.6719, 0.3258,
0.3223

 1.8388, 0.3513,
0.3092

 65.2600, 0.3245,
0.3230

 0.5112, 0.3879,
0.2903

 86.7158, 0.3234,
0.3235

 0.0000, 0.0000,
0.0000

112.4236, 0.3225,
0.3240

142.7679, 0.3218,

0.3244

178.1331, 0.3211,
0.3247

■ 14.2699, 0.3322,
0.3190

■ 14.2699, 0.3322,
0.3190

■ 11.9545, 0.3487,
0.3119

■ 16.9391, 0.3187,
0.3257

■ 9.9761, 0.3686,
0.3047

■ 19.9741, 0.3075,
0.3320

■ 8.3195, 0.3926,
0.2978

■ 23.3888, 0.2984,
0.3378

■ 6.9675, 0.4208,
0.2916

■ 27.1957, 0.2909,
0.3432

■ 5.9013, 0.4529,
0.2870

■ 31.4068, 0.2847,
0.3480

■ 5.0999, 0.4881,
0.2850

■ 36.0335, 0.2795,
0.3525

■ 4.5397, 0.5242,
0.2865

■ 41.0867, 0.2752,
0.3565

■ 4.1816, 0.5584,
0.2917

■ 46.5772, 0.2716,
0.3603

■ 4.0301, 0.5748,
0.2940

■ 52.5150, 0.2685,
0.3636

Harmonies

Analogous

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



14.2699, 0.3161, 0.3075



14.2699, 0.3322, 0.3190



14.2699, 0.3431, 0.3332

Triad

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



14.2699, 0.3322, 0.3190



14.2699, 0.3255, 0.3583



14.2699, 0.2808, 0.3100

Complementary

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



14.2699, 0.3322, 0.3190



17.1716, 0.2963, 0.3392

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.



14.2699, 0.2832, 0.3235



14.2699, 0.3322, 0.3190



14.2699, 0.3087, 0.3520

Square

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



14.2699, 0.3322, 0.3190



14.2699, 0.3391, 0.3562



14.2699, 0.2933, 0.3391



14.2699, 0.2867, 0.3021

Rectangle

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



14.2699, 0.3322, 0.3190



14.2699, 0.3459, 0.3426



14.2699, 0.2933, 0.3391



14.2699, 0.2807, 0.3140

Sweetspot

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



14.2705, 0.3322, 0.3190



30.3312, 0.3187, 0.3257



14.2111, 0.3072, 0.2929



7.1196, 0.3194, 0.3253



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.



14.2705, 0.3322, 0.3190



24.1024, 0.3374, 0.3167



14.9442, 0.3381, 0.3370



3.7160, 0.3236, 0.3231



4.2817, 0.5756, 0.2944



20.7375, 0.5887, 0.3017

Inverse Universe

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



14.2705, 0.3322, 0.3190



24.1024, 0.3374, 0.3167



16.3803, 0.2907, 0.3209



3.7160, 0.3236, 0.3231



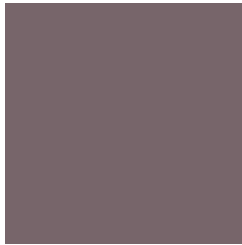
4.2817, 0.5756, 0.2944



20.7375, 0.5887, 0.3017

Previews

White Background



This preview shows how the Yxy color 14.2699, 0.3322, 0.3190 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 14.2699, 0.3322, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

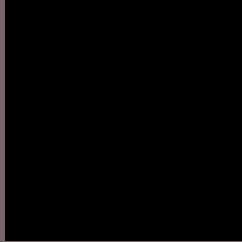
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.2699, 0.3322, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 14.2699, 0.3322, 0.3190.



This preview shows how white text looks on a background with the Yxy color 14.2699, 0.3322, 0.3190.

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

14.2699, 0.3322, 0.3190

Protanopia

14.3117, 0.3116, 0.3227

Deuteranopia

14.2564, 0.3276, 0.3209



Tritanopia

14.3120, 0.3294, 0.3150

Trichromacy



Original Color

14.2699, 0.3322, 0.3190

Protanomaly

14.3417, 0.3187, 0.3228

Deuteranomaly

14.3253, 0.3290, 0.3209

Tritanomaly

14.2908, 0.3308, 0.3170

Monochromacy



Original Color

14.2699, 0.3322, 0.3190

Achromatopsia

14.7027, 0.3127, 0.3290

Achromatomaly

14.5442, 0.3185, 0.3249

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.2699, 0.3322, 0.3190 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(119, 101, 106)` looks like.

```
.text, #text, p{  
    color:rgb(119, 101, 106)  
}
```

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(119, 101, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 101, 106) }
```

Border

The CSS property to change the border of an element to Yxy 14.2699, 0.3322, 0.3190 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(119, 101, 106) }
```

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

```
.border{ border-color:rgb(119, 101, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 101, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 101, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 101, 106);  
box-shadow:4px 4px 4px 4px rgb(119, 101,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 14.2699, 0.3322, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 101, 106) }
```

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

```
.background{ background-color: rgb(119,  
101, 106) }
```

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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