

Converting Colors

$Y_{xy}(14.4489, 0.3724, 0.3271)$

Have a look what the booklet for
Yxy(14.4489, 0.3724, 0.3271)
contains.

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Color

Yxy(14.4630, 0.3733, 0.3273)

Conversions

Conversions Part 1

Format	Color
Hex	886061
RGB	136, 96, 97
RGB Percent	53%, 38%, 38%
CMY	0.4666, 0.6235, 0.6196
CMYK	0.00, 0.29, 0.29, 0.47
HSL	359°, 17%, 45%
HSV	359°, 29%, 53%
XYZ	16.4957, 14.4630, 13.2301
YIQ	108.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

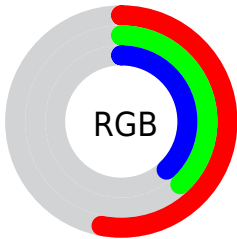
Format	Color
R_{YB}	136, 96, 97
Decimal	8937569
CIE Lab	44.89, 16.44, 5.92
CIE LCh	45, 17.477, 19.807
Yxy	14.4630, 0.3733, 0.3273
Android (android.graphics.Color)	4287127649 (0xFF886061)
YUV	108.0740, -5.4595, 24.4911
Hunter-Lab	38.0303, 10.8717, 5.9951

Details

The Yxy color **14.4630, 0.3733, 0.3273** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **21.8495, 0.2726, 0.3308**, and the grayscale version is **15.0291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **33.9527, 0.3573, 0.3278**, and **4.3669, 0.4032, 0.3235** is the 20% darker color. If you saturate the color by 10%, you get **11.9658, 0.4039, 0.3267**, and if you desaturate by 10%, it is **17.4323, 0.3483, 0.3279**.

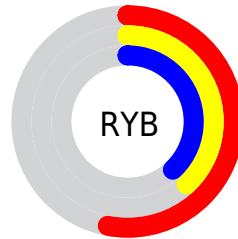
Distribution



Red (53%)

Green (38%)

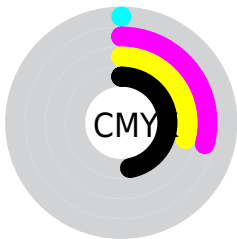
Blue (38%)



Red (53%)

Yellow (38%)

Blue (38%)

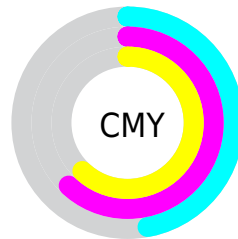


Cyan (0%)

Magenta (29%)

Yellow (29%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.4630, 0.3733, 0.3273 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 14.4630, 0.3733, 0.3273 by changing the saturation by 10% instead.


 14.4630, 0.3733,
0.3273


 14.4630, 0.3733,
0.3273


220.0925, 0.3369,
0.3289


 8.4434, 0.3854,
0.3264


 33.9083, 0.3581,
0.3282


 4.3799, 0.4034,
0.3248

 48.1028, 0.3531,
0.3284

 1.8883, 0.4331,
0.3213

 65.7911, 0.3490,
0.3285

 0.5413, 0.5616,
0.3311

 87.3575, 0.3457,
0.3287

 0.0000, 0.0000,
0.0000

113.1864, 0.3430,
0.3287

143.6623, 0.3406,

0.3288

179.1695, 0.3386,
0.3288

■ 14.4630, 0.3733,
0.3273

■ 14.4630, 0.3733,
0.3273

■ 11.9658, 0.4039,
0.3267

■ 17.4323, 0.3483,
0.3279

■ 9.9146, 0.4407,
0.3263

■ 20.8943, 0.3281,
0.3285

■ 8.2837, 0.4831,
0.3260


■ 24.8704, 0.3119,
0.3290

■ 7.0441, 0.5288,
0.3261


■ 29.3806, 0.2988,
0.3295

■ 6.1629, 0.5731,
0.3266


■ 34.4436, 0.2881,
0.3300

 5.6020, 0.6094,
0.3275

 40.0772, 0.2794,
0.3304

 5.2618, 0.6348,
0.3279

 46.2984, 0.2723,
0.3308

 5.2431, 0.6363,
0.3279

 53.1236, 0.2664,
0.3312

 60.5684, 0.2615,
0.3315

Harmonies

Analogous

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



14.4630, 0.3445, 0.2996



14.4630, 0.3733, 0.3273



14.4630, 0.3848, 0.3568

Triad

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



14.4630, 0.3733, 0.3273



14.4630, 0.3141, 0.3866



14.4630, 0.2524, 0.2752

Complementary

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



14.4630, 0.3733, 0.3273



21.8495, 0.2726, 0.3308

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.



14.4630, 0.2456, 0.2948



14.4630, 0.3733, 0.3273



14.4630, 0.2799, 0.3609

Square

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



14.4630, 0.3733, 0.3273



14.4630, 0.3493, 0.3936



14.4630, 0.2553, 0.3261



14.4630, 0.2746, 0.2702

Rectangle

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



14.4630, 0.3733, 0.3273



14.4630, 0.3809, 0.3743



14.4630, 0.2553, 0.3261



14.4630, 0.2483, 0.2801

Sweetspot

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



14.4637, 0.3733, 0.3273



36.9616, 0.3277, 0.3285



15.2677, 0.3142, 0.2583



8.3652, 0.3301, 0.3284



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



14.4637, 0.3733, 0.3273



22.6007, 0.3920, 0.3269



18.2670, 0.3654, 0.3635



5.0505, 0.3277, 0.3285



4.9613, 0.6362, 0.3278



0.0332, 0.6182, 0.3179

Inverse Universe

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



14.4637, 0.3733, 0.3273



22.6007, 0.3920, 0.3269



17.0667, 0.2678, 0.2917



5.0505, 0.3277, 0.3285



4.9613, 0.6362, 0.3278



0.0332, 0.6182, 0.3179

Previews

White Background



This preview shows how the Yxy color 14.4630, 0.3733, 0.3273 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 14.4630, 0.3733, 0.3273 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

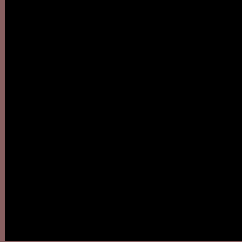
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.4630, 0.3733, 0.3273

Background



This preview shows how black text looks on a background with the Yxy color 14.4630, 0.3733, 0.3273.



This preview shows how white text looks on a background with the Yxy color 14.4630, 0.3733, 0.3273.

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

14.4630, 0.3733, 0.3273

Protanopia

14.5186, 0.3222, 0.3375

Deuteranopia

14.6100, 0.3488, 0.3433



Tritanopia

14.4621, 0.3674, 0.3161

Trichromacy



Original Color

14.4630, 0.3733, 0.3273

Protanomaly

14.3448, 0.3405, 0.3332

Deuteranomaly

14.3945, 0.3576, 0.3371

Tritanomaly

14.4229, 0.3706, 0.3199

Monochromacy



Original Color

14.4630, 0.3733, 0.3273

Achromatopsia

14.9960, 0.3127, 0.3290

Achromatomaly

14.7517, 0.3328, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.4630, 0.3733, 0.3273 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(136, 96, 97)` looks like.

```
.text, #text, p{  
  color:rgb(136, 96, 97)  
}
```

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(136, 96, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 96, 97) }
```

Border

The CSS property to change the border of an element to Yxy 14.4630, 0.3733, 0.3273 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(136, 96, 97) }
```

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

```
.border{ border-color:rgb(136, 96, 97) }
```

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

Here you see how a box with a 4 pixel rgb(136, 96, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 96, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 96, 97);  
box-shadow:4px 4px 4px 4px rgb(136, 96,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 14.4630, 0.3733, 0.3273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 96, 97) }
```

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

```
.background{ background-color: rgb(136, 96,  
97) }
```

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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