

Converting Colors

$Y_{xy}(14.8835, 0.3480, 0.3033)$

Have a look what the booklet for
Yxy(14.8835, 0.3480, 0.3033)
contains.

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Color

Yxy(14.7654, 0.3483, 0.3030)

Conversions

Conversions Part 1

Format	Color
Hex	86616F
RGB	134, 97, 111
RGB Percent	53%, 38%, 44%
CMY	0.4746, 0.6196, 0.5647
CMYK	0.00, 0.28, 0.17, 0.47
HSL	337°, 16%, 45%
HSV	337°, 28%, 53%
XYZ	16.9729, 14.7654, 16.9924
YIQ	109.6590, 17.5580, 12.1980

Conversions

Conversions Part 2

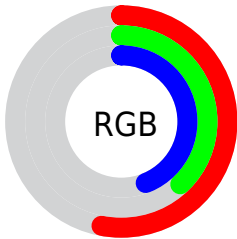
Format	Color
R_{YB}	134, 97, 111
Decimal	8806767
CIE Lab	45.31, 17.29, -1.97
CIE LCh	45, 17.403, 353.502
Yxy	14.7654, 0.3483, 0.3030
Android (android.graphics.Color)	4286996847 (0xFF86616F)
YUV	109.6590, 0.6611, 21.3471
Hunter-Lab	38.4258, 11.5994, 0.6792

Details

The Yxy color **14.7654, 0.3483, 0.3030** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **20.9432, 0.2869, 0.3567**, and the grayscale version is **15.4846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **34.5155, 0.3395, 0.3088**, and **4.5249, 0.3675, 0.2920** is the 20% darker color. If you saturate the color by 10%, you get **12.3203, 0.3664, 0.2931**, and if you desaturate by 10%, it is **17.6472, 0.3332, 0.3128**.

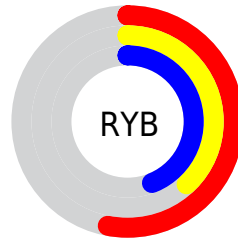
Distribution



Red (53%)

Green (38%)

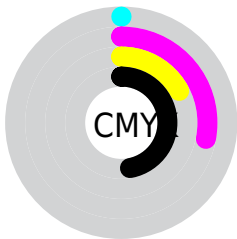
Blue (44%)



Red (53%)

Yellow (38%)

Blue (44%)

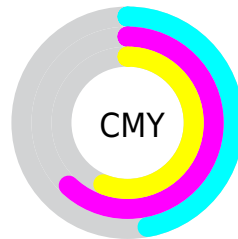


Cyan (0%)

Magenta (28%)

Yellow (17%)

Black (47%)



Cyan (47%)


Magenta (62%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 14.7654, 0.3483, 0.3030 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 14.7654, 0.3483, 0.3030 by changing the saturation by 10% instead.


 14.7654, 0.3483,
0.3030


 14.7654, 0.3483,
0.3030

221.9418, 0.3272,
0.3183


 8.6549, 0.3551,
0.2981


 34.4411, 0.3396,
0.3093


 4.5168, 0.3652,
0.2910

 48.7751, 0.3367,
0.3114

 1.9666, 0.3815,
0.2796

 66.6190, 0.3343,
0.3131

 0.5880, 0.4199,
0.2497

 88.3573, 0.3324,
0.3145

 0.0000, 0.0000,
0.0000

114.3743, 0.3308,
0.3157

145.0545, 0.3294,

0.3167

180.7822, 0.3283,
0.3175

■ 14.7654, 0.3483,
0.3030

■ 14.7654, 0.3483,
0.3030

■ 12.3203, 0.3664,
0.2931

■ 17.6472, 0.3332,
0.3128

■ 10.2884, 0.3879,
0.2837

■ 20.9837, 0.3207,
0.3222

■ 8.6470, 0.4128,
0.2754

■ 24.7942, 0.3104,
0.3311

■ 7.3706, 0.4410,
0.2693

■ 29.0965, 0.3019,
0.3393

■ 6.4303, 0.4714,
0.2664

■ 33.9072, 0.2949,
0.3469

■ 5.7931, 0.5026,
0.2679

■ 39.2424, 0.2891,
0.3539

■ 5.3909, 0.5328,
0.2736

■ 45.1173, 0.2843,
0.3602

■ 5.3029, 0.5401,
0.2749

■ 51.5466, 0.2803,
0.3661

■ 58.5443, 0.2769,
0.3714

Harmonies

Analogous

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



14.7654, 0.3125, 0.2816



14.7654, 0.3483, 0.3030



14.7654, 0.3751, 0.3310

Triad

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



14.7654, 0.3483, 0.3030



14.7654, 0.3450, 0.3931



14.7654, 0.2462, 0.2921

Complementary

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



14.7654, 0.3483, 0.3030



20.9432, 0.2869, 0.3567

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.



14.7654, 0.2538, 0.3219



14.7654, 0.3483, 0.3030



14.7654, 0.3097, 0.3836

Square

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



14.7654, 0.3483, 0.3030



14.7654, 0.3725, 0.3833



14.7654, 0.2766, 0.3565



14.7654, 0.2550, 0.2744

Rectangle

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



14.7654, 0.3483, 0.3030



14.7654, 0.3833, 0.3506



14.7654, 0.2766, 0.3565



14.7654, 0.2470, 0.3009

Sweetspot

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



14.7661, 0.3483, 0.3030



36.6166, 0.3214, 0.3217



14.2519, 0.2964, 0.2592



8.0636, 0.3229, 0.3205



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



14.7661, 0.3483, 0.3030



23.2915, 0.3590, 0.2969



15.3008, 0.3676, 0.3373



4.7157, 0.3225, 0.3208



4.9731, 0.5394, 0.2745



0.0186, 0.4372, 0.2182

Inverse Universe

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



14.7661, 0.3483, 0.3030



23.2915, 0.3590, 0.2969



20.1400, 0.2733, 0.3205



4.7157, 0.3225, 0.3208



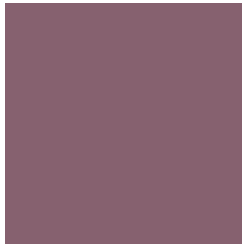
4.9731, 0.5394, 0.2745



0.0186, 0.4372, 0.2182

Previews

White Background



This preview shows how the Yxy color 14.7654, 0.3483, 0.3030 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 14.7654, 0.3483, 0.3030 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

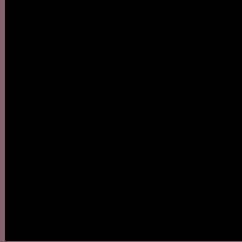
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 14.7654, 0.3483, 0.3030

Background



This preview shows how black text looks on a background with the Yxy color 14.7654, 0.3483, 0.3030.



This preview shows how white text looks on a background with the Yxy color 14.7654, 0.3483, 0.3030.

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

14.7654, 0.3483, 0.3030

Protanopia

14.9255, 0.3002, 0.3084

Deuteranopia

14.8083, 0.3232, 0.3169



Tritanopia

14.7418, 0.3555, 0.3159

Trichromacy



Original Color

14.7654, 0.3483, 0.3030

Protanomaly

14.7202, 0.3167, 0.3050

Deuteranomaly

14.6441, 0.3324, 0.3113

Tritanomaly

14.7834, 0.3525, 0.3121

Monochromacy



Original Color

14.7654, 0.3483, 0.3030

Achromatopsia

15.5926, 0.3127, 0.3290

Achromatomaly

15.1509, 0.3259, 0.3191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 14.7654, 0.3483, 0.3030 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(134, 97, 111)` looks like.

```
.text, #text, p{  
  color:rgb(134, 97, 111)  
}
```

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(134, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 97, 111) }
```

Border

The CSS property to change the border of an element to Yxy 14.7654, 0.3483, 0.3030 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(134, 97, 111) }
```

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

```
.border{ border-color:rgb(134, 97, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 97, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(134, 97,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 14.7654, 0.3483, 0.3030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 97, 111) }
```

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

```
.background{ background-color: rgb(134, 97,  
111) }
```

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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