

Converting Colors

$Y_{xy}(30.4866, 0.3140, 0.3879)$

Have a look what the booklet for
Yxy(30.4866, 0.3140, 0.3879)
contains.

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Color

Yxy(30.4730, 0.3147, 0.3882)

Conversions

Conversions Part 1

Format	Color
Hex	809E7B
RGB	128, 158, 123
RGB Percent	50%, 62%, 48%
CMY	0.4981, 0.3804, 0.5176
CMYK	0.19, 0.00, 0.22, 0.38
HSL	111°, 15%, 55%
HSV	111°, 22%, 62%
XYZ	24.7034, 30.4730, 23.3218
YIQ	145.0400, -6.6450, -17.2450

Conversions

Conversions Part 2

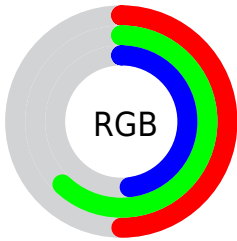
Format	Color
RYB	123, 158, 153
Decimal	8429179
CIELab	62.06, -17.38, 14.92
CIElCh	62, 22.907, 139.350
Yxy	30.4730, 0.3147, 0.3882
Android (android.graphics.Color)	4286619259 (0xFF809E7B)
YUV	145.0400, -10.8657, -14.9441
Hunter-Lab	55.2024, -16.7243, 13.5929

Details

The Yxy color **30.4730, 0.3147, 0.3882** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **23.4122, 0.3095, 0.2745**, and the grayscale version is **28.3796, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5468, 0.3142, 0.3753**, and **12.6295, 0.3141, 0.4117** is the 20% darker color. If you saturate the color by 10%, you get **29.1284, 0.3152, 0.4194**, and if you desaturate by 10%, it is **32.0245, 0.3139, 0.3597**.

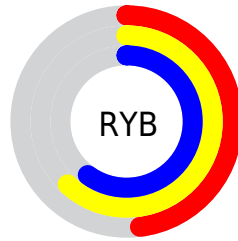
Distribution



Red (50%)

Green (62%)

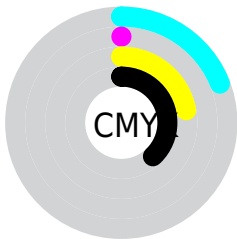
Blue (48%)



Red (48%)

Yellow (62%)

Blue (60%)

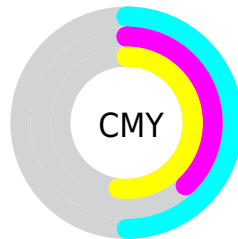


Cyan (19%)

Magenta (0%)

Yellow (22%)

Black (38%)



Cyan (50%)


Magenta (38%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.4730, 0.3147, 0.3882 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 30.4730, 0.3147, 0.3882 by changing the saturation by 10% instead.


 30.4730, 0.3147,
0.3882


 30.4730, 0.3147,
0.3882


304.1030, 0.3142,
0.3555

 20.1979, 0.3146,
0.3976


 60.4094, 0.3147,
0.3755

 12.5390, 0.3143,
0.4104


 80.8395, 0.3146,
0.3710

 7.1119, 0.3135,
0.4290


 105.4233, 0.3145,
0.3673

 3.5322, 0.3114,
0.4584

134.5453, 0.3144,
0.3641

 1.4155, 0.3163,
0.5300

168.5899, 0.3144,
0.3615

 0.2281, 0.0000,
1.0000

207.9415, 0.3143,

 0.0000, 0.0000,

0.3592

0.0000

252.9844, 0.3142,
0.3573

■ 30.4730, 0.3147,
0.3882

■ 30.4730, 0.3147,
0.3882

■ 29.1284, 0.3152,
0.4194

■ 32.0245, 0.3139,
0.3597

■ 27.9781, 0.3152,
0.4525

■ 33.7870, 0.3129,
0.3341

■ 27.0142, 0.3147,
0.4863

■ 35.7695, 0.3118,
0.3115

■ 26.2269, 0.3135,
0.5189

■ 37.9791, 0.3107,
0.2917

■ 25.6053, 0.3116,
0.5480

■ 40.4229, 0.3095,
0.2744

■ 25.1371, 0.3092,
0.5715

■ 43.1074, 0.3084,
0.2594

■ 24.8085, 0.3063,
0.5878

■ 46.0390, 0.3072,
0.2464

■ 24.6317, 0.3044,
0.5965

■ 49.2239, 0.3062,
0.2350

■ 51.9923, 0.3130,
0.2335

Harmonies

Analogous

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



30.4730, 0.3506, 0.3950



30.4730, 0.3147, 0.3882



30.4730, 0.2796, 0.3621

Triad

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



30.4730, 0.3147, 0.3882



30.4730, 0.2509, 0.2742



30.4730, 0.3743, 0.3267

Complementary

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



30.4730, 0.3147, 0.3882



23.4122, 0.3095, 0.2745

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.



30.4730, 0.3447, 0.2986



30.4730, 0.3147, 0.3882



30.4730, 0.2733, 0.2689

Square

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



30.4730, 0.3147, 0.3882



30.4730, 0.2442, 0.2944



30.4730, 0.3072, 0.2779



30.4730, 0.3864, 0.3569

Rectangle

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



30.4730, 0.3147, 0.3882



30.4730, 0.2612, 0.3386



30.4730, 0.3072, 0.2779



30.4730, 0.3660, 0.3168

Sweetspot

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



30.4743, 0.3147, 0.3882



59.7068, 0.3135, 0.3465



31.4027, 0.3468, 0.3752



13.4218, 0.3135, 0.3479



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



30.4743, 0.3147, 0.3882



53.9772, 0.3150, 0.4047



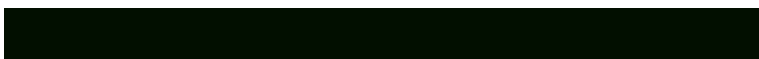
30.4239, 0.2994, 0.3675



7.4441, 0.3137, 0.3519



19.7370, 0.3047, 0.5962



0.3642, 0.3231, 0.5816

Inverse Universe

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



23.4122, 0.3095, 0.2745



38.6354, 0.3085, 0.2608



23.5060, 0.3290, 0.2934



6.7067, 0.3116, 0.3068



6.1499, 0.2859, 0.1349



0.1219, 0.3009, 0.1431

Previews

White Background



This preview shows how the Yxy color 30.4730, 0.3147, 0.3882 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 30.4730, 0.3147, 0.3882 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

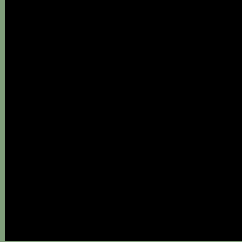
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.4730, 0.3147, 0.3882

Background



This preview shows how black text looks on a background with the Yxy color 30.4730, 0.3147, 0.3882.



This preview shows how white text looks on a background with the Yxy color 30.4730, 0.3147, 0.3882.

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

30.4730, 0.3147, 0.3882

Protanopia

30.1977, 0.3531, 0.3758

Deuteranopia

30.2235, 0.3621, 0.3559



Tritanopia

30.3240, 0.2849, 0.3085

Trichromacy



Original Color

30.4730, 0.3147, 0.3882

Protanomaly

30.1084, 0.3392, 0.3806

Deuteranomaly

30.0435, 0.3437, 0.3667

Tritanomaly

30.2187, 0.2950, 0.3355

Monochromacy



Original Color

30.4730, 0.3147, 0.3882

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

29.1078, 0.3138, 0.3503

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.4730, 0.3147, 0.3882 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(128, 158, 123)` looks like.

```
.text, #text, p{  
    color:rgb(128, 158, 123)  
}
```

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(128, 158, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 158, 123) }
```

Border

The CSS property to change the border of an element to Yxy 30.4730, 0.3147, 0.3882 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(128, 158, 123) }
```

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

```
.border{ border-color:rgb(128, 158, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 158, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 158, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 158, 123);  
box-shadow:4px 4px 4px 4px rgb(128, 158,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 30.4730, 0.3147, 0.3882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 158, 123) }
```

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

```
.background{ background-color: rgb(128,  
158, 123) }
```

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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