

Converting Colors

$Y_{xy}(29.4615, 0.3796, 0.4125)$

Have a look what the booklet for
Yxy(29.4615, 0.3796, 0.4125)
contains.

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Color

Yxy(29.4615, 0.3796, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	A0945E
RGB	160, 148, 94
RGB Percent	63%, 58%, 37%
CMY	0.3724, 0.4196, 0.6313
CMYK	0.00, 0.08, 0.41, 0.37
HSL	49°, 26%, 50%
HSV	49°, 41%, 63%
XYZ	27.1117, 29.4615, 14.8486
YIQ	145.4320, 24.4860, -14.2500

Conversions

Conversions Part 2

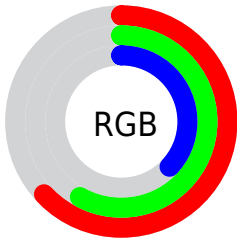
Format	Color
RYB	109, 160, 94
Decimal	10523742
CIELab	61.19, -3.57, 30.14
CIElCh	61, 30.346, 96.747
Yxy	29.4615, 0.3796, 0.4125
Android (android.graphics.Color)	4288713822 (0xFFA0945E)
YUV	145.4320, -25.3560, 12.7761
Hunter-Lab	54.2784, -5.8277, 21.7753

Details

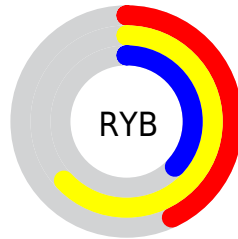
The Yxy color **29.4615, 0.3796, 0.4125** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.2353, 0.2416, 0.2283**, and the grayscale version is **28.6003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.8843, 0.3668, 0.3960**, and **12.0584, 0.3999, 0.4414** is the 20% darker color. If you saturate the color by 10%, you get **28.3012, 0.3965, 0.4313**, and if you desaturate by 10%, it is **30.7071, 0.3625, 0.3924**.

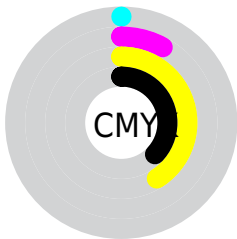
Distribution



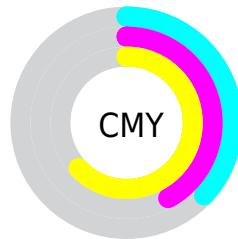
- Red (63%)
- Green (58%)
- Blue (37%)



- Red (43%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (8%)
- Yellow (41%)
- Black (37%)





- Cyan (37%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4615, 0.3796, 0.4125 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 29.4615, 0.3796, 0.4125 by changing the saturation by 10% instead.


 29.4615, 0.3796,
0.4125


 29.4615, 0.3796,
0.4125


299.3863, 0.3445,
0.3679

 19.4302, 0.3886,
0.4243


 58.8095, 0.3666,
0.3957


 11.9816, 0.4000,
0.4397


 78.8950, 0.3618,
0.3896

 6.7311, 0.4148,
0.4602


 103.1008, 0.3577,
0.3844

 3.2945, 0.4389,
0.4940

 131.8111, 0.3543,
0.3801

 1.2874, 0.4642,
0.5358

165.4104, 0.3513,
0.3764

 0.1314, 0.2236,
0.7764

204.2831, 0.3487,

 0.0000, 0.0000,

0.3732

0.0000

248.8136, 0.3465,
0.3704

■ 29.4615, 0.3796,
0.4125

■ 29.4615, 0.3796,
0.4125

■ 28.3012, 0.3965,
0.4313

■ 30.7071, 0.3625,
0.3924

■ 27.2184, 0.4125,
0.4478

■ 32.0375, 0.3457,
0.3717

■ 26.2099, 0.4269,
0.4611

■ 33.4574, 0.3296,
0.3512

■ 25.2711, 0.4391,
0.4704

■ 34.9699, 0.3145,
0.3314

■ 24.3962, 0.4486,
0.4753

■ 36.5778, 0.3006,
0.3126

■ 23.6719, 0.4552,
0.4768

■ 38.2840, 0.2878,
0.2950

■ 40.0911, 0.2761,
0.2787

■ 42.0015, 0.2656,
0.2636

■ 44.0177, 0.2561,
0.2499

Harmonies

Analogous

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



29.4615, 0.4073, 0.3854



29.4615, 0.3796, 0.4125



29.4615, 0.3350, 0.4171

Triad

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



29.4615, 0.3796, 0.4125



29.4615, 0.2256, 0.2981



29.4615, 0.3342, 0.2762

Complementary

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



29.4615, 0.3796, 0.4125



15.2353, 0.2416, 0.2283

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.



29.4615, 0.2847, 0.2554



29.4615, 0.3796, 0.4125



29.4615, 0.2254, 0.2647

Square

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



29.4615, 0.3796, 0.4125



29.4615, 0.2471, 0.3456



29.4615, 0.2460, 0.2506



29.4615, 0.3809, 0.3090

Rectangle

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



29.4615, 0.3796, 0.4125



29.4615, 0.3023, 0.4035



29.4615, 0.2460, 0.2506



29.4615, 0.3172, 0.2677

Sweetspot

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



29.4629, 0.3796, 0.4125



60.4675, 0.3312, 0.3532



16.5259, 0.3955, 0.3096



13.1924, 0.3330, 0.3556



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.



29.4629, 0.3796, 0.4125



51.4271, 0.3960, 0.4308



31.4587, 0.3506, 0.4366



7.5146, 0.3265, 0.3472



18.4918, 0.4548, 0.4771



0.3796, 0.4385, 0.4900

Inverse Universe

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



15.2353, 0.2416, 0.2283



21.9009, 0.2229, 0.1997



14.1846, 0.2611, 0.2127



6.6212, 0.2988, 0.3102



2.7171, 0.1554, 0.0795



0.0959, 0.1719, 0.1390

Previews

White Background



This preview shows how the Yxy color 29.4615, 0.3796, 0.4125 looks on a white background.

Color Contrast Check

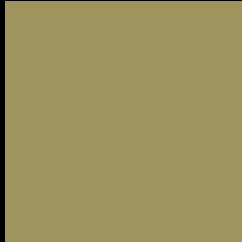
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 29.4615, 0.3796, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

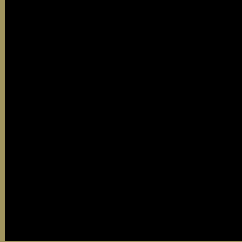
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4615, 0.3796, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 29.4615, 0.3796, 0.4125.



This preview shows how white text looks on a background with the Yxy color 29.4615, 0.3796, 0.4125.

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

29.4615, 0.3796, 0.4125

Protanopia

29.5650, 0.3807, 0.4122

Deuteranopia

29.3410, 0.4036, 0.3954



Tritanopia

29.4237, 0.3286, 0.3127

Trichromacy



Original Color

29.4615, 0.3796, 0.4125

Protanomaly

29.5650, 0.3807, 0.4122

Deuteranomaly

29.4307, 0.3936, 0.4018

Tritanomaly

29.4777, 0.3478, 0.3490

Monochromacy



Original Color

29.4615, 0.3796, 0.4125

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

28.5482, 0.3369, 0.3613

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4615, 0.3796, 0.4125 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(160, 148, 94)` looks like.

```
.text, #text, p{  
    color:rgb(160, 148, 94)  
}
```

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(160, 148, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 148, 94) }
```

Border

The CSS property to change the border of an element to Yxy 29.4615, 0.3796, 0.4125 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(160, 148, 94) }
```

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

```
.border{ border-color:rgb(160, 148, 94) }
```

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

Here you see how a box with a 4 pixel rgb(160, 148, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 148, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 148, 94);  
box-shadow:4px 4px 4px 4px rgb(160, 148,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4615, 0.3796, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 148, 94) }
```

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

```
.background{ background-color: rgb(160,  
148, 94) }
```

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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