

Converting Colors

$Y_{xy}(29.0388, 0.3710, 0.4416)$

Have a look what the booklet for
Yxy(29.0388, 0.3710, 0.4416)
contains.

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Color

Yxy(29.0854, 0.3711, 0.4419)

Conversions

Conversions Part 1

Format	Color
Hex	919852
RGB	145, 152, 82
RGB Percent	57%, 60%, 32%
CMY	0.4315, 0.4039, 0.6784
CMYK	0.05, 0.00, 0.46, 0.40
HSL	66°, 30%, 46%
HSV	66°, 46%, 60%
XYZ	24.4254, 29.0854, 12.3081
YIQ	141.9270, 18.2980, -23.2540

Conversions

Conversions Part 2

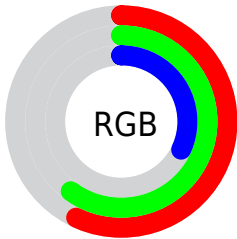
Format	Color
R_{YB}	82, 152, 89
Decimal	9541714
CIE _{Lab}	60.86, -13.39, 35.81
CIE _{LCh}	61, 38.232, 110.508
Yxy	29.0854, 0.3711, 0.4419
Android (android.graphics.Color)	4287731794 (0xFF919852)
YUV	141.9270, -29.5440, 2.6950
Hunter-Lab	53.9309, -13.5360, 24.2204

Details

The Yxy color **29.0854, 0.3711, 0.4419** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **10.4265, 0.2359, 0.1921**, and the grayscale version is **27.1328, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1154, 0.3606, 0.4181**, and **11.7500, 0.3861, 0.4798** is the 20% darker color. If you saturate the color by 10%, you get **28.7427, 0.3816, 0.4638**, and if you desaturate by 10%, it is **29.4839, 0.3593, 0.4180**.

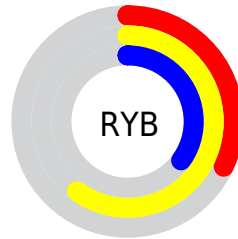
Distribution



Red (57%)

Green (60%)

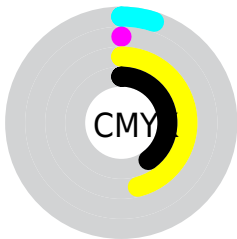
Blue (32%)



Red (32%)

Yellow (60%)

Blue (35%)

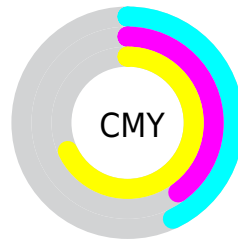


Cyan (5%)

Magenta (0%)

Yellow (46%)

Black (40%)



Cyan (43%)

Magenta (40%)


Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0854, 0.3711, 0.4419 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 29.0854, 0.3711, 0.4419 by changing the saturation by 10% instead.

 29.0854, 0.3711,
0.4419


 29.0854, 0.3711,
0.4419

297.6177, 0.3417,
0.3804

 19.1454, 0.3779,
0.4586


 58.2127, 0.3607,
0.4185


 11.7754, 0.3858,
0.4804


 78.1689, 0.3566,
0.4100


 6.5909, 0.3944,
0.5098


 102.2326, 0.3532,
0.4029

 3.2076, 0.4211,
0.5770

 130.7882, 0.3502,
0.3970

 1.2411, 0.3965,
0.6035

 164.2201, 0.3477,
0.3919

 0.0949, 0.0000,
1.0000

202.9127, 0.3454,

 0.0000, 0.0000,

0.3875

0.0000

247.2505, 0.3435,
0.3837

■ 29.0854, 0.3711,
0.4419

■ 29.0854, 0.3711,
0.4419

■ 28.7427, 0.3816,
0.4638

■ 29.4839, 0.3593,
0.4180

■ 28.4483, 0.3901,
0.4829

■ 29.9374, 0.3466,
0.3931

■ 28.1998, 0.3964,
0.4982

■ 30.4499, 0.3335,
0.3680

■ 27.9927, 0.4003,
0.5094

■ 31.0243, 0.3204,
0.3434

■ 27.8206, 0.4017,
0.5166

■ 31.6629, 0.3078,
0.3199

■ 27.7566, 0.4021,
0.5190

■ 32.3682, 0.2957,
0.2978

■ 33.1424, 0.2844,
0.2772

■ 33.9877, 0.2738,
0.2584

■ 34.9060, 0.2641,
0.2412

Harmonies

Analogous

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



29.0854, 0.4183, 0.4159



29.0854, 0.3711, 0.4419



29.0854, 0.3109, 0.4327

Triad

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



29.0854, 0.3711, 0.4419



29.0854, 0.2018, 0.2669



29.0854, 0.3684, 0.2805

Complementary

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



29.0854, 0.3711, 0.4419



10.4265, 0.2359, 0.1921

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.



29.0854, 0.3044, 0.2480



29.0854, 0.3711, 0.4419



29.0854, 0.2134, 0.2378

Square

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



29.0854, 0.3711, 0.4419



29.0854, 0.2156, 0.3197



29.0854, 0.2488, 0.2324



29.0854, 0.4193, 0.3242

Rectangle

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



29.0854, 0.3711, 0.4419



29.0854, 0.2717, 0.4038



29.0854, 0.2488, 0.2324



29.0854, 0.3473, 0.2681

Sweetspot

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



29.0867, 0.3711, 0.4419



53.9124, 0.3311, 0.3635



14.4298, 0.4267, 0.3412



12.2096, 0.3338, 0.3685



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



29.0867, 0.3711, 0.4419



50.7258, 0.3816, 0.4639



26.3839, 0.3329, 0.4578



7.1914, 0.3246, 0.3511



23.2776, 0.4022, 0.5189



0.3559, 0.4104, 0.5124

Inverse Universe

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



10.4265, 0.2359, 0.1921



13.7038, 0.2161, 0.1584



12.5867, 0.2794, 0.2069



6.0545, 0.3003, 0.3061



1.9949, 0.1544, 0.0624



0.0367, 0.1746, 0.0736

Previews

White Background



This preview shows how the Yxy color 29.0854, 0.3711, 0.4419 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 29.0854, 0.3711, 0.4419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

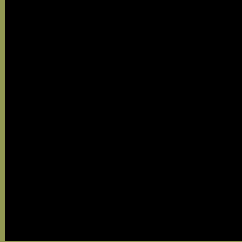
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0854, 0.3711, 0.4419

Background



This preview shows how black text looks on a background with the Yxy color 29.0854, 0.3711, 0.4419.



This preview shows how white text looks on a background with the Yxy color 29.0854, 0.3711, 0.4419.

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

29.0854, 0.3711, 0.4419

Protanopia

29.0237, 0.3944, 0.4307

Deuteranopia

28.9957, 0.4156, 0.4070



Tritanopia

29.0854, 0.3114, 0.3121

Trichromacy



Original Color

29.0854, 0.3711, 0.4419

Protanomaly

29.0575, 0.3852, 0.4347

Deuteranomaly

28.8021, 0.3998, 0.4186

Tritanomaly

28.9100, 0.3347, 0.3596

Monochromacy



Original Color

29.0854, 0.3711, 0.4419

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.7535, 0.3353, 0.3722

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0854, 0.3711, 0.4419 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(145, 152, 82)` looks like.

```
.text, #text, p{  
    color:rgb(145, 152, 82)  
}
```

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(145, 152, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 152, 82) }
```

Border

The CSS property to change the border of an element to Yxy 29.0854, 0.3711, 0.4419 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(145, 152, 82) }
```

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

```
.border{ border-color:rgb(145, 152, 82) }
```

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

Here you see how a box with a 4 pixel rgb(145, 152, 82) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 152, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 152, 82);  
box-shadow:4px 4px 4px 4px rgb(145, 152,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0854, 0.3711, 0.4419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 152, 82) }
```

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

```
.background{ background-color: rgb(145,  
152, 82) }
```

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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