

Converting Colors

$Y_{xy}(29.2855, 0.4365, 0.4801)$

Have a look what the booklet for
Yxy(29.2855, 0.4365, 0.4801)
contains.

Yxy(29.1489, 0.4366, 0.4796)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(29.1489, 0.4366, 0.4796)$

Conversions

Conversions Part 1

Format	Color
Hex	A79318
RGB	167, 147, 24
RGB Percent	65%, 58%, 9%
CMY	0.3451, 0.4235, 0.9058
CMYK	0.00, 0.12, 0.86, 0.35
HSL	52°, 75%, 37%
HSV	52°, 86%, 65%
XYZ	26.5355, 29.1489, 5.0932
YIQ	138.9580, 51.4030, -34.0130

Conversions

Conversions Part 2

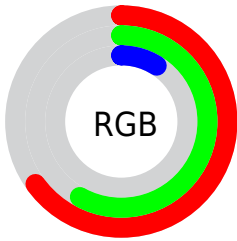
Format	Color
RYB	47, 167, 24
Decimal	10982168
CIELab	60.91, -4.73, 60.55
CIELCh	61, 60.731, 94.470
Yxy	29.1489, 0.4366, 0.4796
Android (android.graphics.Color)	4289172248 (0xFFA79318)
YUV	138.9580, -56.6743, 24.5928
Hunter-Lab	53.9897, -6.7509, 32.1996

Details

The Yxy color **29.1489, 0.4366, 0.4796** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **4.7880, 0.1648, 0.0956**, and the grayscale version is **26.0114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5512, 0.4176, 0.4547**, and **11.9289, 0.4422, 0.4871** is the 20% darker color. If you saturate the color by 10%, you get **28.3811, 0.4434, 0.4831**, and if you desaturate by 10%, it is **29.9764, 0.4270, 0.4718**.

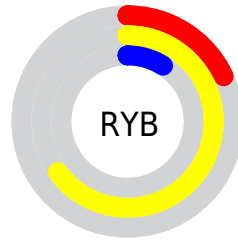
Distribution



Red (65%)

Green (58%)

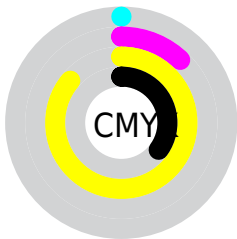
Blue (9%)



Red (18%)

Yellow (65%)

Blue (9%)

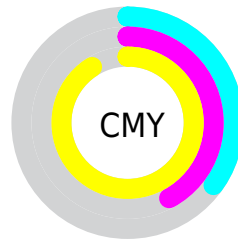


Cyan (0%)

Magenta (12%)

Yellow (86%)

Black (35%)



Cyan (35%)

Magenta (42%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1489, 0.4366, 0.4796 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 29.1489, 0.4366, 0.4796 by changing the saturation by 10% instead.


 29.1489, 0.4366,
0.4796


 29.1489, 0.4366,
0.4796


297.9169, 0.3776,
0.4052

 19.1935, 0.4475,
0.4947


 58.3136, 0.4174,
0.4544


 11.8102, 0.4584,
0.5113


 78.2916, 0.4093,
0.4442


 6.6146, 0.4696,
0.5304


 102.3794, 0.4023,
0.4354

 3.2222, 0.4647,
0.5353

 130.9611, 0.3961,
0.4277

 1.2488, 0.4562,
0.5438

 164.4214, 0.3906,
0.4210

 0.1011, 0.0000,
1.0000

 203.1445, 0.3858,

 0.0000, 0.0000,

0.4151

0.0000

247.5149, 0.3814,
0.4099

■ 29.1489, 0.4366,
0.4796

■ 29.1489, 0.4366,
0.4796

■ 28.3811, 0.4434,
0.4831

■ 29.9764, 0.4270,
0.4718

■ 28.0541, 0.4461,
0.4840

■ 30.8666, 0.4149,
0.4597

■ 31.8268, 0.4008,
0.4439

■ 32.8617, 0.3853,
0.4253

■ 33.9758, 0.3689,
0.4049

■ 35.1731, 0.3525,
0.3834

■ 36.4573, 0.3364,
0.3618

■ 37.8317, 0.3210,
0.3405

■ 39.2997, 0.3065,
0.3202

Harmonies

Analogous

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



29.1489, 0.4946, 0.4143



29.1489, 0.4366, 0.4796



29.1489, 0.3515, 0.5136

Triad

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



29.1489, 0.4366, 0.4796



29.1489, 0.1549, 0.2663



29.1489, 0.3439, 0.2287

Complementary

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



29.1489, 0.4366, 0.4796



4.7880, 0.1648, 0.0956

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.



29.1489, 0.2494, 0.1952



29.1489, 0.4366, 0.4796



29.1489, 0.1542, 0.2076

Square

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



29.1489, 0.4366, 0.4796



29.1489, 0.1902, 0.3665



29.1489, 0.1851, 0.1867



29.1489, 0.4430, 0.2818

Rectangle

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



29.1489, 0.4366, 0.4796



29.1489, 0.2905, 0.4961



29.1489, 0.1851, 0.1867



29.1489, 0.3100, 0.2150

Sweetspot

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



29.1503, 0.4366, 0.4796



62.8013, 0.3539, 0.3853



9.0633, 0.5734, 0.3103



13.8915, 0.3594, 0.3924



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.1503, 0.4366, 0.4796



50.0138, 0.4466, 0.4836



31.4833, 0.3636, 0.5371



8.5922, 0.3265, 0.3483



21.5204, 0.4458, 0.4842



0.5710, 0.4359, 0.4921

Inverse Universe

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



4.7880, 0.1648, 0.0956



5.9414, 0.1528, 0.0700



4.9032, 0.1948, 0.0943



7.4636, 0.2986, 0.3090



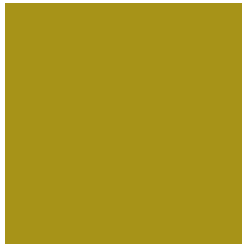
2.6599, 0.1536, 0.0730



0.1139, 0.1660, 0.1175

Previews

White Background



This preview shows how the Yxy color 29.1489, 0.4366, 0.4796 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 29.1489, 0.4366, 0.4796 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 29.1489, 0.4366, 0.4796

Background



This preview shows how black text looks on a background with the Yxy color 29.1489, 0.4366, 0.4796.



This preview shows how white text looks on a background with the Yxy color 29.1489, 0.4366, 0.4796.

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

29.1489, 0.4366, 0.4796

Protanopia

29.0404, 0.4355, 0.4804

Deuteranopia

29.1592, 0.4626, 0.4556



Tritanopia

29.1119, 0.3446, 0.3146

Trichromacy



Original Color

29.1489, 0.4366, 0.4796

Protanomaly

29.0404, 0.4355, 0.4804

Deuteranomaly

29.1890, 0.4523, 0.4652

Tritanomaly

28.7797, 0.3894, 0.3873

Monochromacy



Original Color

29.1489, 0.4366, 0.4796

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.5986, 0.3671, 0.4031

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1489, 0.4366, 0.4796 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(167, 147, 24)` looks like.

```
.text, #text, p{  
    color:rgb(167, 147, 24)  
}
```

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(167, 147, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 147, 24) }
```

Border

The CSS property to change the border of an element to Yxy 29.1489, 0.4366, 0.4796 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(167, 147, 24) }
```

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

```
.border{ border-color:rgb(167, 147, 24) }
```

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

Here you see how a box with a 4 pixel rgb(167, 147, 24) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 147, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 147, 24);  
box-shadow:4px 4px 4px 4px rgb(167, 147,  
24) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1489, 0.4366, 0.4796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 147, 24) }
```

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

```
.background{ background-color: rgb(167,  
147, 24) }
```

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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