

Converting Colors

$Y_{xy}(29.0915, 0.4127, 0.5080)$

Have a look what the booklet for
Yxy(29.0915, 0.4127, 0.5080)
contains.

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Color

Yxy(29.0915, 0.4127, 0.5080)

Conversions

Conversions Part 1

Format	Color
Hex	949906
RGB	148, 153, 6
RGB Percent	58%, 60%, 2%
CMY	0.4197, 0.4000, 0.9765
CMYK	0.03, 0.00, 0.96, 0.40
HSL	62°, 92%, 31%
HSV	62°, 96%, 60%
XYZ	23.6340, 29.0915, 4.5413
YIQ	134.7470, 44.2070, -46.7770

Conversions

Conversions Part 2

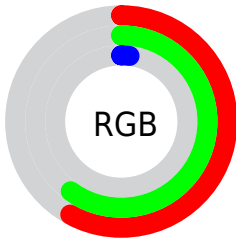
Format	Color
R_{YB}	6, 153, 11
Decimal	9738502
CIE Lab	60.86, -16.89, 63.16
CIE LCh	61, 65.381, 104.970
Yxy	29.0915, 0.4127, 0.5080
Android (android.graphics.Color)	4287928582 (0xFF949906)
YUV	134.7470, -63.4723, 11.6229
Hunter-Lab	53.9365, -16.1736, 32.7636

Details

The Yxy color **29.0915, 0.4127, 0.5080** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.5016, 0.1536, 0.0645**, and the grayscale version is **24.3566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.1128, 0.3991, 0.4756**, and **11.8299, 0.4048, 0.5168** is the 20% darker color. If you saturate the color by 10%, you get **29.0606, 0.4135, 0.5099**, and if you desaturate by 10%, it is **29.1839, 0.4101, 0.5021**.

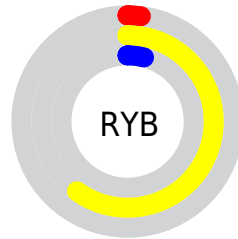
Distribution



Red (58%)

Green (60%)

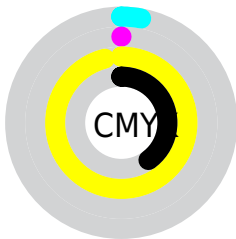
Blue (2%)



Red (2%)

Yellow (60%)

Blue (4%)

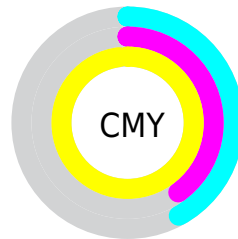


Cyan (3%)

Magenta (0%)

Yellow (96%)

Black (40%)



Cyan (42%)


Magenta (40%)


Yellow (98%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0915, 0.4127, 0.5080 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 29.0915, 0.4127, 0.5080 by changing the saturation by 10% instead.


 29.0915, 0.4127,
0.5080


 29.0915, 0.4127,
0.5080

297.6464, 0.3684,
0.4162

 19.1501, 0.4188,
0.5281


 58.2224, 0.3996,
0.4759


 11.7788, 0.4238,
0.5523

 78.1807, 0.3936,
0.4632


 6.5932, 0.4224,
0.5776


 102.2467, 0.3882,
0.4524

 3.2090, 0.4042,
0.5958

 130.8048, 0.3833,
0.4431

 1.2418, 0.3704,
0.6296

 164.2395, 0.3790,
0.4350


 0.0955, 0.0000,
1.0000


 202.9350, 0.3751,


 0.0000, 0.0000,


0.4279


0.0000


 247.2759, 0.3715,
0.4217


 29.0915, 0.4127,
0.5080


 29.0915, 0.4127,
0.5080


 29.0606, 0.4135,
0.5099

 29.1839, 0.4101,
0.5021

 29.3088, 0.4052,
0.4923

 29.4742, 0.3977,
0.4784

 29.6844, 0.3880,
0.4606

 29.9434, 0.3764,
0.4398

■ 30.2547, 0.3634,
0.4168

■ 30.6214, 0.3495,
0.3925

■ 31.0465, 0.3352,
0.3678

■ 31.5326, 0.3211,
0.3434

Harmonies

Analogous

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



29.0915, 0.4884, 0.4424



29.0915, 0.4127, 0.5080



29.0915, 0.3178, 0.5247

Triad

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



29.0915, 0.4127, 0.5080



29.0915, 0.1416, 0.2338



29.0915, 0.3850, 0.2400

Complementary

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



29.0915, 0.4127, 0.5080



2.5016, 0.1536, 0.0645

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.



29.0915, 0.2768, 0.1969



29.0915, 0.4127, 0.5080



29.0915, 0.1527, 0.1881

Square

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



29.0915, 0.4127, 0.5080



29.0915, 0.1644, 0.3263



29.0915, 0.1967, 0.1783



29.0915, 0.4821, 0.3005

Rectangle

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



29.0915, 0.4127, 0.5080



29.0915, 0.2548, 0.4841



29.0915, 0.1967, 0.1783



29.0915, 0.3475, 0.2232

Sweetspot

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



29.0929, 0.4127, 0.5080



54.5908, 0.3544, 0.4011



7.0233, 0.6287, 0.3322



11.9978, 0.3598, 0.4106



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.



29.0929, 0.4127, 0.5080



52.0195, 0.4134, 0.5100



24.2787, 0.3350, 0.5689



7.2121, 0.3255, 0.3510



24.0176, 0.4135, 0.5099



0.3619, 0.4163, 0.5077

Inverse Universe

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



2.5016, 0.1536, 0.0645



4.1628, 0.1510, 0.0605



4.3337, 0.2145, 0.0978



6.0359, 0.2993, 0.3061



1.9318, 0.1515, 0.0608



0.0312, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 29.0915, 0.4127, 0.5080 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 29.0915, 0.4127, 0.5080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

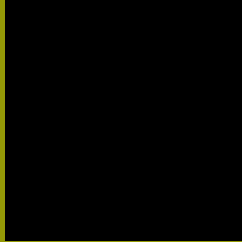
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.0915, 0.4127, 0.5080

Background



This preview shows how black text looks on a background with the Yxy color 29.0915, 0.4127, 0.5080.



This preview shows how white text looks on a background with the Yxy color 29.0915, 0.4127, 0.5080.

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

29.0915, 0.4127, 0.5080

Protanopia

28.9744, 0.4408, 0.4882

Deuteranopia

28.8455, 0.4658, 0.4569



Tritanopia

28.9150, 0.3188, 0.3123

Trichromacy



Original Color

29.0915, 0.4127, 0.5080

Protanomaly

28.8702, 0.4303, 0.4957

Deuteranomaly

28.7576, 0.4477, 0.4753

Tritanomaly

28.3479, 0.3679, 0.4026

Monochromacy



Original Color

29.0915, 0.4127, 0.5080

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

25.6260, 0.3655, 0.4209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0915, 0.4127, 0.5080 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(148, 153, 6)` looks like.

```
.text, #text, p{  
    color:rgb(148, 153, 6)  
}
```

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(148, 153, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 153, 6) }
```

Border

The CSS property to change the border of an element to Yxy 29.0915, 0.4127, 0.5080 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(148, 153, 6) }
```

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

```
.border{ border-color:rgb(148, 153, 6) }
```

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

Here you see how a box with a 4 pixel rgb(148, 153, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 153, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 153, 6);  
box-shadow:4px 4px 4px 4px rgb(148, 153,  
6) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0915, 0.4127, 0.5080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 153, 6) }
```

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

```
.background{ background-color: rgb(148,  
153, 6) }
```

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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