

Converting Colors

$Y_{xy}(26.3221, 0.4436, 0.5391)$

Have a look what the booklet for
Yxy(26.3221, 0.4436, 0.5391)
contains.

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Color

Yxy(26.4538, 0.4217, 0.5034)

Conversions

Conversions Part 1

Format	Color
Hex	939100
RGB	147, 145, 0
RGB Percent	58%, 57%, 0%
CMY	0.4235, 0.4314, 1.0000
CMYK	0.00, 0.01, 1.00, 0.42
HSL	59°, 100%, 29%
HSV	59°, 100%, 58%
XYZ	22.1604, 26.4538, 3.9360
YIQ	129.0680, 47.7370, -44.6710

Conversions

Conversions Part 2

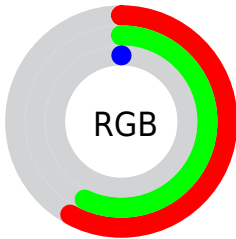
Format	Color
R_{YB}	2, 147, 0
Decimal	9670912
CIE Lab	58.47, -13.23, 62.26
CIE LCh	58, 63.649, 101.998
Yxy	26.4538, 0.4217, 0.5034
Android (android.graphics.Color)	4287860992 (0xFF939100)
YUV	129.0680, -63.6305, 15.7264
Hunter-Lab	51.4333, -13.1000, 31.4660

Details

The Yxy color **26.4538, 0.4217, 0.5034** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.1511, 0.1503, 0.0611**, and the grayscale version is **22.1947, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1391, 0.4056, 0.4726**, and **10.4597, 0.4142, 0.5093** is the 20% darker color. If you saturate the color by 10%, you get **26.4552, 0.4217, 0.5034**, and if you desaturate by 10%, it is **26.5507, 0.4186, 0.4989**.

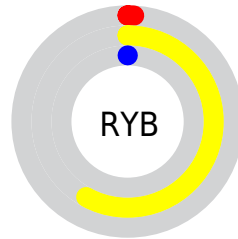
Distribution



Red (58%)

Green (57%)

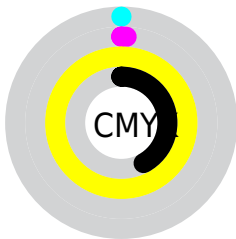
Blue (0%)



Red (1%)

Yellow (58%)

Blue (0%)

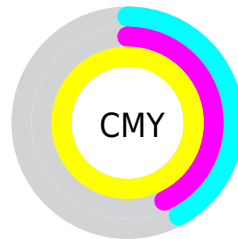


Cyan (0%)

Magenta (1%)

Yellow (100%)

Black (42%)



Cyan (42%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4538, 0.4217, 0.5034 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 26.4538, 0.4217, 0.5034 by changing the saturation by 10% instead.


 26.4538, 0.4217,
0.5034


 26.4538, 0.4217,
0.5034


285.0027, 0.3718,
0.4139


 17.1634, 0.4290,
0.5225

 54.0061, 0.4065,
0.4723

 10.3511, 0.4374,
0.5476


 73.0369, 0.3997,
0.4599


 5.6324, 0.4340,
0.5660


 96.0833, 0.3937,
0.4494

 2.6228, 0.4181,
0.5819

 123.5296, 0.3883,
0.4403


 0.9382, 0.3770,
0.6230


 155.7603, 0.3834,
0.4323


 0.0000, 0.0000,
0.0000


 193.1598, 0.3791,

0.4254

 236.1125, 0.3753,
0.4193


 26.4538, 0.4217,
0.5034


 26.4538, 0.4217,
0.5034

 26.4552, 0.4217,
0.5034

 26.5507, 0.4186,
0.4989

 26.6697, 0.4137,
0.4914

 26.8237, 0.4062,
0.4798

 27.0170, 0.3964,
0.4642

 27.2534, 0.3846,
0.4453

■ 27.5360, 0.3712,
0.4238

■ 27.8680, 0.3568,
0.4006

■ 28.2520, 0.3420,
0.3765

■ 28.6905, 0.3271,
0.3525

Harmonies

Analogous

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



26.4538, 0.4946, 0.4354



26.4538, 0.4217, 0.5034



26.4538, 0.3273, 0.5279

Triad

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



26.4538, 0.4217, 0.5034



26.4538, 0.1416, 0.2403



26.4538, 0.3741, 0.2344

Complementary

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



26.4538, 0.4217, 0.5034



2.1511, 0.1503, 0.0611

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.



26.4538, 0.2671, 0.1934



26.4538, 0.4217, 0.5034



26.4538, 0.1496, 0.1903

Square

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



26.4538, 0.4217, 0.5034



26.4538, 0.1682, 0.3379



26.4538, 0.1903, 0.1774



26.4538, 0.4753, 0.2938

Rectangle

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



26.4538, 0.4217, 0.5034



26.4538, 0.2634, 0.4938



26.4538, 0.1903, 0.1774



26.4538, 0.3366, 0.2182

Sweetspot

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



26.4552, 0.4217, 0.5034



49.8535, 0.3577, 0.4020



6.2103, 0.6378, 0.3287



11.3265, 0.3633, 0.4110



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.4552, 0.4217, 0.5034



47.3406, 0.4217, 0.5033



22.4086, 0.3401, 0.5682



6.7311, 0.3260, 0.3506



22.9315, 0.4217, 0.5034



0.2842, 0.4204, 0.5044

Inverse Universe

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



2.1511, 0.1503, 0.0611



3.8297, 0.1502, 0.0608



3.4491, 0.2009, 0.0880



5.6450, 0.2989, 0.3065



1.8674, 0.1504, 0.0612



0.0254, 0.1520, 0.0673

Previews

White Background



This preview shows how the Yxy color 26.4538, 0.4217, 0.5034 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 26.4538, 0.4217, 0.5034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

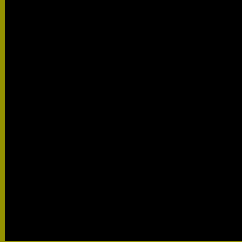
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4538, 0.4217, 0.5034

Background



This preview shows how black text looks on a background with the Yxy color 26.4538, 0.4217, 0.5034.



This preview shows how white text looks on a background with the Yxy color 26.4538, 0.4217, 0.5034.

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

26.4538, 0.4217, 0.5034

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.2980, 0.4668, 0.4565



Tritanopia

26.4402, 0.3258, 0.3134

Trichromacy



Original Color

26.4538, 0.4217, 0.5034

Protanomaly

26.3146, 0.4346, 0.4931

Deuteranomaly

26.1385, 0.4518, 0.4731

Tritanomaly

26.0102, 0.3787, 0.4053

Monochromacy



Original Color

26.4538, 0.4217, 0.5034

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.1714, 0.3705, 0.4221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4538, 0.4217, 0.5034 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(147, 145, 0)` looks like.

```
.text, #text, p{  
    color:rgb(147, 145, 0)  
}
```

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(147, 145, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 145, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.4538, 0.4217, 0.5034 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(147, 145, 0) }
```

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

```
.border{ border-color:rgb(147, 145, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 145, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 145, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 145, 0);  
box-shadow:4px 4px 4px 4px rgb(147, 145,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4538, 0.4217, 0.5034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 145, 0) }
```

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

```
.background{ background-color: rgb(147,  
145, 0) }
```

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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