

Converting Colors

$Y_{xy}(26.4900, 0.4179, 0.5064)$

Have a look what the booklet for
Yxy(26.4900, 0.4179, 0.5064)
contains.

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Color

$\text{Yxy}(26.5775, 0.4182, 0.5062)$

Conversions

Conversions Part 1

Format	Color
Hex	919200
RGB	145, 146, 0
RGB Percent	57%, 57%, 0%
CMY	0.4313, 0.4274, 1.0000
CMYK	0.01, 0.00, 1.00, 0.43
HSL	60°, 100%, 29%
HSV	60°, 100%, 57%
XYZ	21.9572, 26.5775, 3.9693
YIQ	129.0570, 46.2700, -45.6180

Conversions

Conversions Part 2

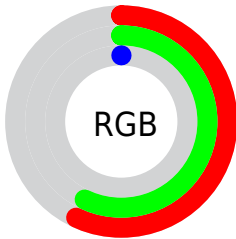
Format	Color
RYB	0, 146, 1
Decimal	9540096
CIELab	58.58, -14.68, 62.27
CIELCh	59, 63.979, 103.260
Yxy	26.5775, 0.4182, 0.5062
Android (android.graphics.Color)	4287730176 (0xFF919200)
YUV	129.0570, -63.6251, 13.9820
Hunter-Lab	51.5534, -14.1933, 31.5224

Details

The Yxy color **26.5775, 0.4182, 0.5062** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.0817, 0.1503, 0.0602**, and the grayscale version is **22.1908, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3200, 0.4031, 0.4745**, and **10.5394, 0.4091, 0.5134** is the 20% darker color. If you saturate the color by 10%, you get **26.5790, 0.4182, 0.5062**, and if you desaturate by 10%, it is **26.6213, 0.4155, 0.5014**.

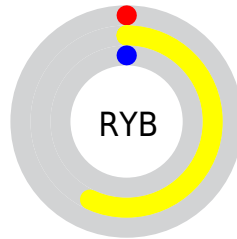
Distribution



Red (57%)

Green (57%)

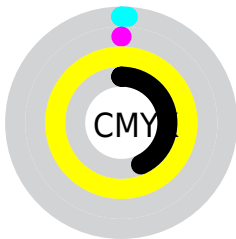
Blue (0%)



Red (0%)

Yellow (57%)

Blue (0%)

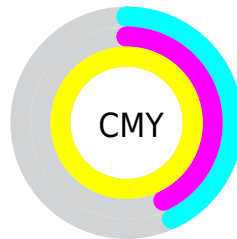


Cyan (1%)

Magenta (0%)

Yellow (100%)

Black (43%)



Cyan (43%)


Magenta (43%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5775, 0.4182, 0.5062 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 26.5775, 0.4182, 0.5062 by changing the saturation by 10% instead.


 26.5775, 0.4182,
0.5062


 26.5775, 0.4182,
0.5062


285.6056, 0.3703,
0.4149

 17.2562, 0.4250,
0.5260


 54.2051, 0.4038,
0.4742

 10.4173, 0.4324,
0.5519


 73.2802, 0.3973,
0.4617


 5.6765, 0.4282,
0.5718

 96.3754, 0.3915,
0.4509

 2.6494, 0.4105,
0.5895

 123.8750, 0.3862,
0.4416

 0.9516, 0.3640,
0.6360


 156.1634, 0.3816,
0.4335


 0.0000, 0.0000,
0.0000


 193.6250, 0.3774,


0.4265


 236.6443, 0.3737,
0.4203

 26.5775, 0.4182,
0.5062


 26.5775, 0.4182,
0.5062


 26.5790, 0.4182,
0.5062

 26.6213, 0.4155,
0.5014

 26.6867, 0.4110,
0.4937

 26.7863, 0.4040,
0.4818

 26.9245, 0.3946,
0.4660

 27.1050, 0.3832,
0.4468

■ 27.3310, 0.3702,
0.4250

■ 27.6053, 0.3562,
0.4015

■ 27.9307, 0.3416,
0.3772

■ 28.3097, 0.3270,
0.3528

Harmonies

Analogous

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



26.5775, 0.4928, 0.4387



26.5775, 0.4182, 0.5062



26.5775, 0.3231, 0.5278

Triad

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



26.5775, 0.4182, 0.5062



26.5775, 0.1408, 0.2370



26.5775, 0.3791, 0.2363

Complementary

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



26.5775, 0.4182, 0.5062



2.0817, 0.1503, 0.0602

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.



26.5775, 0.2710, 0.1943



26.5775, 0.4182, 0.5062



26.5775, 0.1502, 0.1887

Square

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



26.5775, 0.4182, 0.5062



26.5775, 0.1658, 0.3329



26.5775, 0.1924, 0.1771



26.5775, 0.4792, 0.2964

Rectangle

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



26.5775, 0.4182, 0.5062



26.5775, 0.2593, 0.4908



26.5775, 0.1924, 0.1771



26.5775, 0.3413, 0.2198

Sweetspot

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



26.5790, 0.4182, 0.5062



48.6663, 0.3571, 0.4030



6.1111, 0.6401, 0.3300



10.7842, 0.3624, 0.4119



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.5790, 0.4182, 0.5062



46.8844, 0.4181, 0.5062



21.9746, 0.3379, 0.5699



6.7427, 0.3259, 0.3509



23.3898, 0.4182, 0.5062



0.2868, 0.4188, 0.5057

Inverse Universe

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



2.0817, 0.1503, 0.0602



3.6693, 0.1502, 0.0601



3.4918, 0.2041, 0.0898



5.6347, 0.2990, 0.3062



1.8323, 0.1503, 0.0602



0.0228, 0.1518, 0.0610

Previews

White Background



This preview shows how the Yxy color 26.5775, 0.4182, 0.5062 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 26.5775, 0.4182, 0.5062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

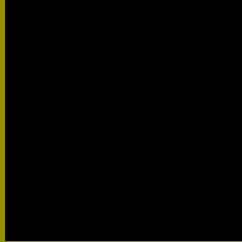
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5775, 0.4182, 0.5062

Background



This preview shows how black text looks on a background with the Yxy color 26.5775, 0.4182, 0.5062.



This preview shows how white text looks on a background with the Yxy color 26.5775, 0.4182, 0.5062.

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

26.5775, 0.4182, 0.5062

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.5731, 0.4655, 0.4576



Tritanopia

26.6522, 0.3235, 0.3134

Trichromacy



Original Color

26.5775, 0.4182, 0.5062

Protanomaly

26.5149, 0.4322, 0.4950

Deuteranomaly

26.3157, 0.4494, 0.4751

Tritanomaly

26.1258, 0.3747, 0.4059

Monochromacy



Original Color

26.5775, 0.4182, 0.5062

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

23.0880, 0.3693, 0.4225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5775, 0.4182, 0.5062 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, 146, 0)` looks like.

```
.text, #text, p{  
    color:rgb(145, 146, 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(145, 146, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 146, 0) }
```

Border

The CSS property to change the border of an element to Yxy 26.5775, 0.4182, 0.5062 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, 146, 0) }
```

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

```
.border{ border-color:rgb(145, 146, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 146, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 146, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 146, 0);  
box-shadow:4px 4px 4px 4px rgb(145, 146,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5775, 0.4182, 0.5062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 146, 0) }
```

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

```
.background{ background-color: rgb(145,  
146, 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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