

Converting Colors

$Y_{xy}(26.0893, 0.3764, 0.4945)$

Have a look what the booklet for
Yxy(26.0893, 0.3764, 0.4945)
contains.

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Color

Yxy(26.1439, 0.3764, 0.4949)

Conversions

Conversions Part 1

Format	Color
Hex	7E9530
RGB	126, 149, 48
RGB Percent	49%, 58%, 19%
CMY	0.5059, 0.4157, 0.8116
CMYK	0.15, 0.00, 0.68, 0.42
HSL	74°, 51%, 39%
HSV	74°, 68%, 58%
XYZ	19.8839, 26.1439, 6.7988
YIQ	130.6090, 18.7130, -36.2870

Conversions

Conversions Part 2

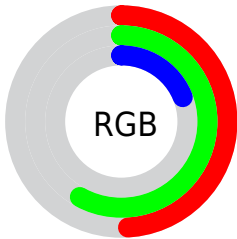
Format	Color
RYB	48, 149, 71
Decimal	8295728
CIELab	58.17, -22.89, 48.54
CIElCh	58, 53.668, 115.251
Yxy	26.1439, 0.3764, 0.4949
Android (android.graphics.Color)	4286485808 (0xFF7E9530)
YUV	130.6090, -40.7262, -4.0421
Hunter-Lab	51.1311, -20.0641, 27.9081

Details

The Yxy color **26.1439, 0.3764, 0.4949** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **5.6296, 0.2077, 0.1286**, and the grayscale version is **22.6941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4557, 0.3673, 0.4597**, and **10.1518, 0.3774, 0.5385** is the 20% darker color. If you saturate the color by 10%, you get **25.7880, 0.3801, 0.5123**, and if you desaturate by 10%, it is **26.5523, 0.3704, 0.4739**.

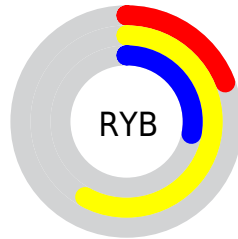
Distribution



Red (49%)

Green (58%)

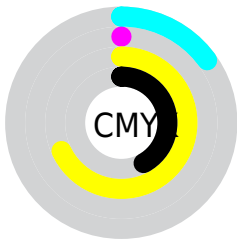
Blue (19%)



Red (19%)

Yellow (58%)

Blue (28%)

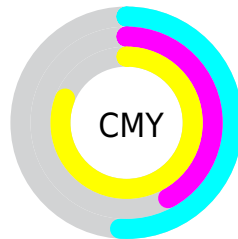


Cyan (15%)

Magenta (0%)

Yellow (68%)

Black (42%)



Cyan (51%)

Magenta (42%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1439, 0.3764, 0.4949 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 26.1439, 0.3764, 0.4949 by changing the saturation by 10% instead.

■ 26.1439, 0.3764,
0.4949

■ 26.1439, 0.3764,
0.4949

■ 283.4878, 0.3472,
0.4032

■ 16.9313, 0.3808,
0.5192

■ 53.5070, 0.3674,
0.4600

■ 10.1855, 0.3836,
0.5500

■ 72.4263, 0.3634,
0.4473

■ 5.5221, 0.3928,
0.6069

■ 95.3500, 0.3598,
0.4368

■ 2.5568, 0.3641,
0.6359

■ 122.6624, 0.3567,
0.4279

■ 0.9050, 0.2497,
0.7503

■ 154.7481, 0.3539,
0.4203

■ 0.0000, 0.0000,
0.0000

■ 191.9912, 0.3514,

0.4138

234.7763, 0.3492,
0.4081

■ 26.1439, 0.3764,
0.4949

■ 26.1439, 0.3764,
0.4949

■ 25.7880, 0.3801,
0.5123

■ 26.5523, 0.3704,
0.4739

■ 25.4767, 0.3813,
0.5253

■ 27.0134, 0.3625,
0.4501

■ 25.2029, 0.3804,
0.5344

■ 27.5318, 0.3531,
0.4247

■ 25.1437, 0.3802,
0.5363

■ 28.1107, 0.3428,
0.3986

■ 28.7529, 0.3320,
0.3726

■ 29.4610, 0.3211,
0.3476

■ 30.2374, 0.3103,
0.3238

■ 31.0847, 0.3000,
0.3016

■ 32.0049, 0.2902,
0.2812

Harmonies

Analogous

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



26.1439, 0.4493, 0.4535



26.1439, 0.3764, 0.4949



26.1439, 0.2916, 0.4788

Triad

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



26.1439, 0.3764, 0.4949



26.1439, 0.1615, 0.2298



26.1439, 0.4066, 0.2690

Complementary

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



26.1439, 0.3764, 0.4949



5.6296, 0.2077, 0.1286

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.



26.1439, 0.3131, 0.2236



26.1439, 0.3764, 0.4949



26.1439, 0.1816, 0.1993

Square

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



26.1439, 0.3764, 0.4949



26.1439, 0.1724, 0.2972



26.1439, 0.2326, 0.1989



26.1439, 0.4754, 0.3273

Rectangle

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



26.1439, 0.3764, 0.4949



26.1439, 0.2393, 0.4284



26.1439, 0.2326, 0.1989



26.1439, 0.3761, 0.2520

Sweetspot

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



26.1451, 0.3764, 0.4949



51.1720, 0.3349, 0.3794



10.9740, 0.5003, 0.3632



11.2751, 0.3377, 0.3860



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.



26.1451, 0.3764, 0.4949



45.8965, 0.3810, 0.5192



23.2740, 0.3244, 0.5274



6.6787, 0.3226, 0.3511



21.1735, 0.3804, 0.5361



0.2722, 0.4001, 0.5205

Inverse Universe

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



5.6296, 0.2077, 0.1286



6.5998, 0.1839, 0.0927



8.3092, 0.2753, 0.1602



5.6930, 0.3022, 0.3064



2.1239, 0.1641, 0.0678



0.0374, 0.2033, 0.0894

Previews

White Background



This preview shows how the Yxy color 26.1439, 0.3764, 0.4949 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 26.1439, 0.3764, 0.4949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

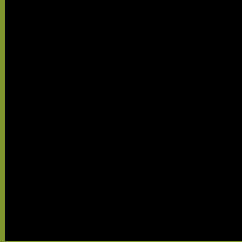
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1439, 0.3764, 0.4949

Background



This preview shows how black text looks on a background with the Yxy color 26.1439, 0.3764, 0.4949.



This preview shows how white text looks on a background with the Yxy color 26.1439, 0.3764, 0.4949.

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

26.1439, 0.3764, 0.4949

Protanopia

26.0213, 0.4213, 0.4649

Deuteranopia

26.0401, 0.4443, 0.4364



Tritanopia

25.9856, 0.2997, 0.3109

Trichromacy



Original Color

26.1439, 0.3764, 0.4949

Protanomaly

25.8699, 0.4046, 0.4755

Deuteranomaly

25.8813, 0.4195, 0.4570

Tritanomaly

25.8237, 0.3319, 0.3813

Monochromacy



Original Color

26.1439, 0.3764, 0.4949

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.7837, 0.3410, 0.3958

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1439, 0.3764, 0.4949 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(126, 149, 48)` looks like.

```
.text, #text, p{  
    color:rgb(126, 149, 48)  
}
```

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(126, 149, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 149, 48) }
```

Border

The CSS property to change the border of an element to Yxy 26.1439, 0.3764, 0.4949 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(126, 149, 48) }
```

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

```
.border{ border-color:rgb(126, 149, 48) }
```

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

Here you see how a box with a 4 pixel rgb(126, 149, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 149, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 149, 48);  
box-shadow:4px 4px 4px 4px rgb(126, 149,  
48) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1439, 0.3764, 0.4949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 149, 48) }
```

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

```
.background{ background-color: rgb(126,  
149, 48) }
```

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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