

Converting Colors

$Yxy(26.4334, 0.3948, 0.5232)$

Have a look what the booklet for
Yxy(26.4334, 0.3948, 0.5232)
contains.

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Color

Yxy(26.4864, 0.3947, 0.5234)

Conversions

Conversions Part 1

Format	Color
Hex	819603
RGB	129, 150, 3
RGB Percent	51%, 59%, 1%
CMY	0.4942, 0.4117, 0.9884
CMYK	0.14, 0.00, 0.98, 0.41
HSL	69°, 96%, 30%
HSV	69°, 98%, 59%
XYZ	19.9736, 26.4864, 4.1445
YIQ	126.9630, 34.6710, -50.1690

Conversions

Conversions Part 2

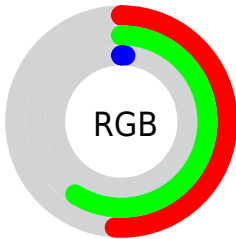
Format	Color
R_{YB}	3, 150, 24
Decimal	8492547
CIE _{Lab}	58.50, -23.84, 61.16
CIE _{LCh}	58, 65.645, 111.293
Yxy	26.4864, 0.3947, 0.5234
Android (android.graphics.Color)	4286682627 (0xFF819603)
YUV	126.9630, -61.1138, 1.7864
Hunter-Lab	51.4649, -20.7876, 31.2508

Details

The Yxy color **26.4864, 0.3947, 0.5234** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.4608, 0.1582, 0.0658**, and the grayscale version is **21.4134, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9679, 0.3852, 0.4861**, and **10.4195, 0.3794, 0.5369** is the 20% darker color. If you saturate the color by 10%, you get **26.4480, 0.3947, 0.5248**, and if you desaturate by 10%, it is **26.6944, 0.3942, 0.5159**.

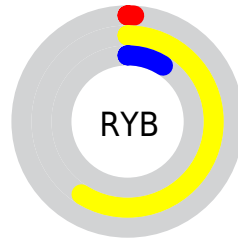
Distribution



Red (51%)

Green (59%)

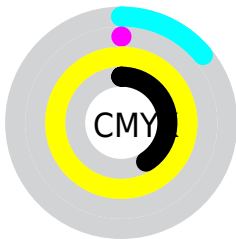
Blue (1%)



Red (1%)

Yellow (59%)

Blue (9%)

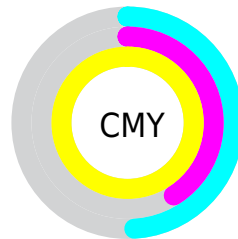


Cyan (14%)

Magenta (0%)

Yellow (98%)

Black (41%)



Cyan (49%)


Magenta (41%)


Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4864, 0.3947, 0.5234 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 26.4864, 0.3947, 0.5234 by changing the saturation by 10% instead.


 26.4864, 0.3947,
0.5234


 26.4864, 0.3947,
0.5234


285.1617, 0.3599,
0.4196


 17.1879, 0.3979,
0.5478


 54.0586, 0.3853,
0.4858

 10.3685, 0.3998,
0.5799


 73.1011, 0.3806,
0.4714


 5.6440, 0.3896,
0.6104

 96.1603, 0.3763,
0.4593

 2.6298, 0.3601,
0.6399

 123.6207, 0.3723,
0.4489

 0.9417, 0.2489,
0.7511

 155.8666, 0.3687,
0.4400


 0.0000, 0.0000,
0.0000


 193.2825, 0.3655,

0.4323

 236.2527, 0.3626,
0.4256


 26.4864, 0.3947,
0.5234

 26.4864, 0.3947,
0.5234


 26.4480, 0.3947,
0.5248

 26.6944, 0.3942,
0.5159

 26.9338, 0.3916,
0.5047

 27.2142, 0.3865,
0.4892

 27.5400, 0.3791,
0.4700

 27.9152, 0.3697,
0.4478

■ 28.3431, 0.3589,
0.4236

■ 28.8268, 0.3471,
0.3984

■ 29.3691, 0.3348,
0.3730

■ 29.9726, 0.3224,
0.3482

Harmonies

Analogous

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



26.4864, 0.4792, 0.4601



26.4864, 0.3947, 0.5234



26.4864, 0.2959, 0.5243

Triad

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



26.4864, 0.3947, 0.5234



26.4864, 0.1368, 0.2169



26.4864, 0.4114, 0.2492

Complementary

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



26.4864, 0.3947, 0.5234



2.4608, 0.1582, 0.0658

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.



26.4864, 0.2973, 0.2006



26.4864, 0.3947, 0.5234



26.4864, 0.1551, 0.1793

Square

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



26.4864, 0.3947, 0.5234



26.4864, 0.1519, 0.3013



26.4864, 0.2074, 0.1760



26.4864, 0.5024, 0.3133

Rectangle

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



26.4864, 0.3947, 0.5234



26.4864, 0.2334, 0.4684



26.4864, 0.2074, 0.1760



26.4864, 0.3730, 0.2308

Sweetspot

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



26.4876, 0.3947, 0.5234



50.7273, 0.3489, 0.4023



7.0873, 0.6212, 0.3415



11.1675, 0.3535, 0.4121



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.



26.4876, 0.3947, 0.5234



46.6106, 0.3942, 0.5252



22.6885, 0.3224, 0.5804



6.7031, 0.3239, 0.3510



21.9430, 0.3949, 0.5246



0.2778, 0.4077, 0.5145

Inverse Universe

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



2.4608, 0.1582, 0.0658



4.1290, 0.1555, 0.0630



4.7586, 0.2338, 0.1073



5.6704, 0.3010, 0.3063



1.9718, 0.1570, 0.0639



0.0318, 0.1849, 0.0792

Previews

White Background



This preview shows how the Yxy color 26.4864, 0.3947, 0.5234 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 26.4864, 0.3947, 0.5234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

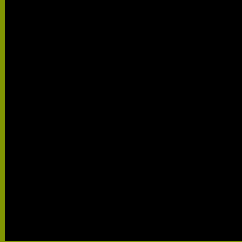
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4864, 0.3947, 0.5234

Background



This preview shows how black text looks on a background with the Yxy color 26.4864, 0.3947, 0.5234.



This preview shows how white text looks on a background with the Yxy color 26.4864, 0.3947, 0.5234.

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

26.4864, 0.3947, 0.5234

Protanopia

26.4207, 0.4405, 0.4885

Deuteranopia

26.1968, 0.4642, 0.4554



Tritanopia

26.3300, 0.3039, 0.3111

Trichromacy



Original Color

26.4864, 0.3947, 0.5234

Protanomaly

26.2446, 0.4238, 0.5012

Deuteranomaly

25.9825, 0.4402, 0.4798

Tritanomaly

25.8264, 0.3526, 0.4084

Monochromacy



Original Color

26.4864, 0.3947, 0.5234

Achromatopsia

21.2231, 0.3127, 0.3290

Achromatomaly

22.5263, 0.3606, 0.4255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4864, 0.3947, 0.5234 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(129, 150, 3)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 3)  
}
```

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(129, 150, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 3) }
```

Border

The CSS property to change the border of an element to Yxy 26.4864, 0.3947, 0.5234 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(129, 150, 3) }
```

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

```
.border{ border-color:rgb(129, 150, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 3);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
3) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4864, 0.3947, 0.5234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 3) }
```

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

```
.background{ background-color: rgb(129,  
150, 3) }
```

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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