

Converting Colors

$Y_{xy}(26.1037, 0.4121, 0.4952)$

Have a look what the booklet for
Yxy(26.1037, 0.4121, 0.4952)
contains.

Yxy(26.2547, 0.4119, 0.4957)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.2547, 0.4119, 0.4957)

Conversions

Conversions Part 1

Format	Color
Hex	90911A
RGB	144, 145, 26
RGB Percent	56%, 57%, 10%
CMY	0.4352, 0.4314, 0.8981
CMYK	0.01, 0.00, 0.82, 0.43
HSL	60°, 70%, 34%
HSV	60°, 82%, 57%
XYZ	21.8162, 26.2547, 4.8940
YIQ	131.1350, 37.6030, -37.2210

Conversions

Conversions Part 2

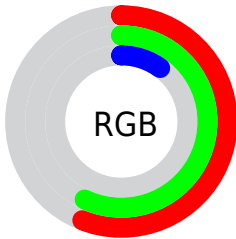
Format	Color
R_{YB}	26, 145, 27
Decimal	9474330
CIE _{Lab}	58.28, -14.03, 56.96
CIE _{LCh}	58, 58.657, 103.834
Y _{xy}	26.2547, 0.4119, 0.4957
Android (android.graphics.Color)	4287664410 (0xFF90911A)
YUV	131.1350, -51.8316, 11.2826
Hunter-Lab	51.2393, -13.6687, 30.2046

Details

The Yxy color **26.2547, 0.4119, 0.4957** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **3.0149, 0.1647, 0.0837**, and the grayscale version is **22.9278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8889, 0.3968, 0.4641**, and **10.3581, 0.4107, 0.5121** is the 20% darker color. If you saturate the color by 10%, you get **26.1960, 0.4159, 0.5027**, and if you desaturate by 10%, it is **26.3486, 0.4054, 0.4846**.

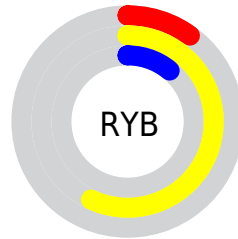
Distribution



Red (56%)

Green (57%)

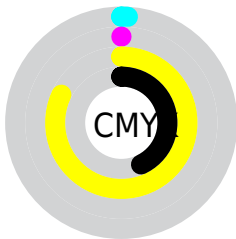
Blue (10%)



Red (10%)

Yellow (57%)

Blue (11%)

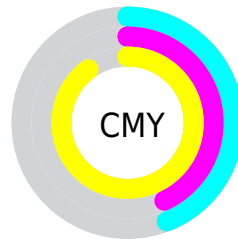


Cyan (1%)

Magenta (0%)

Yellow (82%)

Black (43%)



Cyan (44%)


Magenta (43%)

Yellow (90%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2547, 0.4119, 0.4957 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 26.2547, 0.4119, 0.4957 by changing the saturation by 10% instead.

 26.2547, 0.4119,
0.4957


 26.2547, 0.4119,
0.4957


284.0302, 0.3653,
0.4081


 17.0143, 0.4196,
0.5159


 53.6856, 0.3971,
0.4643


 10.2447, 0.4265,
0.5402


 72.6448, 0.3908,
0.4522


 5.5615, 0.4305,
0.5695

 95.6124, 0.3852,
0.4419

 2.5803, 0.4134,
0.5866

 122.9728, 0.3802,
0.4332

 0.9168, 0.3657,
0.6343

 155.1104, 0.3758,
0.4256

 0.0000, 0.0000,
0.0000

 192.4095, 0.3719,

0.4190

235.2547, 0.3684,
0.4132

26.2547, 0.4119,
0.4957

26.2547, 0.4119,
0.4957

26.1960, 0.4159,
0.5027

26.3486, 0.4054,
0.4846

26.1622, 0.4179,
0.5064

26.4785, 0.3966,
0.4696

26.6493, 0.3856,
0.4510

26.8642, 0.3729,
0.4297

27.1261, 0.3591,
0.4065

■ 27.4377, 0.3446,
0.3822

■ 27.8016, 0.3300,
0.3578

■ 28.2199, 0.3156,
0.3339

■ 28.6949, 0.3019,
0.3109

Harmonies

Analogous

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



26.2547, 0.4809, 0.4358



26.2547, 0.4119, 0.4957



26.2547, 0.3228, 0.5103

Triad

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



26.2547, 0.4119, 0.4957



26.2547, 0.1512, 0.2433



26.2547, 0.3764, 0.2435

Complementary

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



26.2547, 0.4119, 0.4957



3.0149, 0.1647, 0.0837

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.



26.2547, 0.2762, 0.2031



26.2547, 0.4119, 0.4957



26.2547, 0.1604, 0.1975

Square

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



26.2547, 0.4119, 0.4957



26.2547, 0.1751, 0.3316



26.2547, 0.2015, 0.1864



26.2547, 0.4676, 0.3010

Rectangle

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



26.2547, 0.4119, 0.4957



26.2547, 0.2631, 0.4744



26.2547, 0.2015, 0.1864



26.2547, 0.3417, 0.2277

Sweetspot

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



26.2559, 0.4119, 0.4957



48.9362, 0.3496, 0.3906



6.8322, 0.5905, 0.3298



10.8476, 0.3541, 0.3982



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.



26.2559, 0.4119, 0.4957



46.8626, 0.4175, 0.5057



22.2790, 0.3447, 0.5445



6.2832, 0.3258, 0.3508



22.4416, 0.4179, 0.5064



0.2150, 0.4187, 0.5058

Inverse Universe

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



3.0149, 0.1647, 0.0837



3.7772, 0.1512, 0.0617



4.7368, 0.2249, 0.1149



5.2570, 0.2991, 0.3063



1.7606, 0.1504, 0.0602



0.0172, 0.1522, 0.0612

Previews

White Background



This preview shows how the Yxy color 26.2547, 0.4119, 0.4957 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 26.2547, 0.4119, 0.4957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

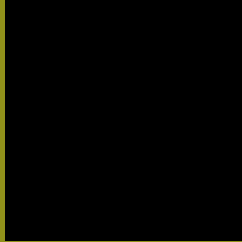
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2547, 0.4119, 0.4957

Background



This preview shows how black text looks on a background with the Yxy color 26.2547, 0.4119, 0.4957.



This preview shows how white text looks on a background with the Yxy color 26.2547, 0.4119, 0.4957.

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

26.2547, 0.4119, 0.4957

Protanopia

26.0955, 0.4343, 0.4792

Deuteranopia

26.1150, 0.4599, 0.4521



Tritanopia

26.1756, 0.3213, 0.3117

Trichromacy



Original Color

26.2547, 0.4119, 0.4957

Protanomaly

26.1885, 0.4262, 0.4855

Deuteranomaly

25.8776, 0.4429, 0.4680

Tritanomaly

25.9086, 0.3645, 0.3901

Monochromacy



Original Color

26.2547, 0.4119, 0.4957

Achromatopsia

22.6966, 0.3127, 0.3290

Achromatomaly

23.6329, 0.3586, 0.4048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2547, 0.4119, 0.4957 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(144, 145, 26)` looks like.

```
.text, #text, p{  
    color:rgb(144, 145, 26)  
}
```

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(144, 145, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 145, 26) }
```

Border

The CSS property to change the border of an element to Yxy 26.2547, 0.4119, 0.4957 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(144, 145, 26) }
```

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

```
.border{ border-color:rgb(144, 145, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 145, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 145, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 145, 26);  
box-shadow:4px 4px 4px 4px rgb(144, 145,  
26) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2547, 0.4119, 0.4957 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 145, 26) }
```

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

```
.background{ background-color: rgb(144,  
145, 26) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor