

Converting Colors

$Y_{xy}(26.0781, 0.3446, 0.4206)$

Have a look what the booklet for
Yxy(26.0781, 0.3446, 0.4206)
contains.

Yxy(26.0330, 0.3451, 0.4207)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(26.0330, 0.3451, 0.4207)

Conversions

Conversions Part 1

Format	Color
Hex	81925E
RGB	129, 146, 94
RGB Percent	51%, 57%, 37%
CMY	0.4941, 0.4275, 0.6313
CMYK	0.12, 0.00, 0.36, 0.43
HSL	80°, 22%, 47%
HSV	80°, 36%, 57%
XYZ	21.3549, 26.0330, 14.4923
YIQ	134.9890, 6.5600, -19.7760

Conversions

Conversions Part 2

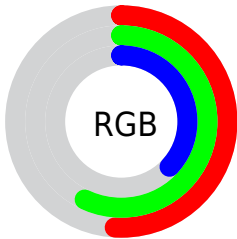
Format	Color
R_{YB}	94, 146, 111
Decimal	8491614
CIE _{Lab}	58.07, -15.30, 25.59
CIE _{LCh}	58, 29.812, 120.869
Yxy	26.0330, 0.3451, 0.4207
Android (android.graphics.Color)	4286681694 (0xFF81925E)
YUV	134.9890, -20.2076, -5.2524
Hunter-Lab	51.0225, -14.5805, 18.8752

Details

The Yxy color **26.0330, 0.3451, 0.4207** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **13.4628, 0.2707, 0.2314**, and the grayscale version is **24.3007, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4202, 0.3395, 0.4004**, and **10.0519, 0.3543, 0.4549** is the 20% darker color. If you saturate the color by 10%, you get **25.4314, 0.3530, 0.4476**, and if you desaturate by 10%, it is **26.7039, 0.3364, 0.3937**.

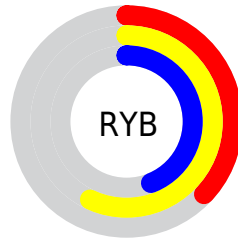
Distribution



Red (51%)

Green (57%)

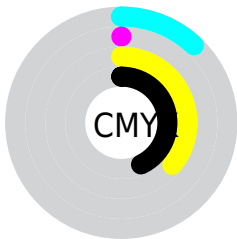
Blue (37%)



Red (37%)

Yellow (57%)

Blue (44%)

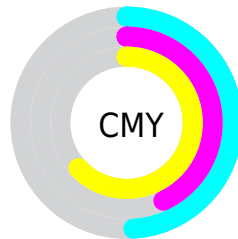


Cyan (12%)

Magenta (0%)

Yellow (36%)

Black (43%)



Cyan (49%)


Magenta (43%)


Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0330, 0.3451, 0.4207 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 26.0330, 0.3451, 0.4207 by changing the saturation by 10% instead.

 26.0330, 0.3451,
0.4207


 26.0330, 0.3451,
0.4207


282.9440, 0.3285,
0.3691


 16.8483, 0.3491,
0.4357


 53.3282, 0.3391,
0.4004


 10.1264, 0.3539,
0.4564


 72.2075, 0.3368,
0.3933

 5.4829, 0.3593,
0.4863

 95.0871, 0.3349,
0.3874

 2.5333, 0.3720,
0.5444

 122.3515, 0.3333,
0.3825

 0.8932, 0.3474,
0.6526

154.3849, 0.3318,
0.3784

 0.0000, 0.0000,
0.0000

191.5719, 0.3306,

0.3748

234.2968, 0.3295,
0.3718

■ 26.0330, 0.3451,
0.4207

■ 26.0330, 0.3451,
0.4207

■ 25.4314, 0.3530,
0.4476

■ 26.7039, 0.3364,
0.3937

■ 24.8926, 0.3595,
0.4735

■ 27.4435, 0.3272,
0.3674

■ 24.4145, 0.3643,
0.4971


■ 28.2556, 0.3179,
0.3423


■ 23.9934, 0.3668,
0.5173


■ 29.1426, 0.3087,
0.3189

■ 23.6250, 0.3671,
0.5333

■ 30.1070, 0.2999,
0.2974


 23.3035, 0.3650,
0.5448

 31.1508, 0.2915,
0.2776

 23.1709, 0.3639,
0.5493

 32.2763, 0.2837,
0.2598

 33.4854, 0.2764,
0.2436

 34.7803, 0.2696,
0.2291

Harmonies

Analogous

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



26.0330, 0.3884, 0.4104



26.0330, 0.3451, 0.4207



26.0330, 0.2952, 0.4009

Triad

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



26.0330, 0.3451, 0.4207



26.0330, 0.2218, 0.2683



26.0330, 0.3742, 0.3012

Complementary

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



26.0330, 0.3451, 0.4207



13.4628, 0.2707, 0.2314

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.



26.0330, 0.3245, 0.2698



26.0330, 0.3451, 0.4207



26.0330, 0.2388, 0.2501

Square

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



26.0330, 0.3451, 0.4207



26.0330, 0.2263, 0.3059



26.0330, 0.2750, 0.2514



26.0330, 0.4074, 0.3401

Rectangle

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



26.0330, 0.3451, 0.4207



26.0330, 0.2650, 0.3727



26.0330, 0.2750, 0.2514



26.0330, 0.3587, 0.2896

Sweetspot

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



26.0342, 0.3451, 0.4207



49.0265, 0.3231, 0.3562



18.1743, 0.3843, 0.3581



10.8692, 0.3242, 0.3592



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.



26.0342, 0.3451, 0.4207



45.0412, 0.3517, 0.4430



24.2817, 0.3174, 0.4292



6.6507, 0.3212, 0.3512



20.4033, 0.3641, 0.5491



0.2657, 0.3907, 0.5279

Inverse Universe

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



13.4628, 0.2707, 0.2314



19.3672, 0.2583, 0.2058



15.3570, 0.3039, 0.2403



5.7195, 0.3037, 0.3065



2.3838, 0.1758, 0.0742



0.0439, 0.2230, 0.1002

Previews

White Background



This preview shows how the Yxy color 26.0330, 0.3451, 0.4207 looks on a white background.

Color Contrast Check

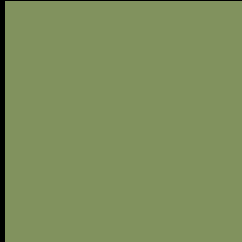
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0330, 0.3451, 0.4207 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

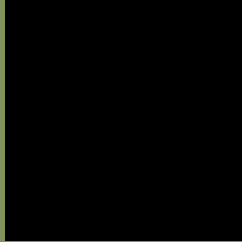
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0330, 0.3451, 0.4207

Background



This preview shows how black text looks on a background with the Yxy color 26.0330, 0.3451, 0.4207.



This preview shows how white text looks on a background with the Yxy color 26.0330, 0.3451, 0.4207.

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

26.0330, 0.3451, 0.4207

Protanopia

25.7999, 0.3773, 0.4076

Deuteranopia

25.7451, 0.3926, 0.3848



Tritanopia

25.9856, 0.2997, 0.3109

Trichromacy



Original Color

26.0330, 0.3451, 0.4207

Protanomaly

25.9583, 0.3651, 0.4132

Deuteranomaly

25.7938, 0.3750, 0.3975

Tritanomaly

26.0260, 0.3161, 0.3495

Monochromacy



Original Color

26.0330, 0.3451, 0.4207

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.8078, 0.3256, 0.3622

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0330, 0.3451, 0.4207 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, 146, 94)` looks like.

```
.text, #text, p{  
    color:rgb(129, 146, 94)  
}
```

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, 146, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 146, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.0330, 0.3451, 0.4207 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, 146, 94) }
```

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

```
.border{ border-color:rgb(129, 146, 94) }
```

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

Here you see how a box with a 4 pixel rgb(129, 146, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 146, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 146, 94);  
box-shadow:4px 4px 4px 4px rgb(129, 146,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0330, 0.3451, 0.4207 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 146, 94) }
```

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

```
.background{ background-color: rgb(129,  
146, 94) }
```

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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