

Converting Colors

$Yxy(27.0164, 0.3435, 0.4233)$

Have a look what the booklet for
Yxy(27.0164, 0.3435, 0.4233)
contains.

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Color

Yxy(26.9882, 0.3431, 0.4234)

Conversions

Conversions Part 1

Format	Color
Hex	81955F
RGB	129, 149, 95
RGB Percent	51%, 58%, 37%
CMY	0.4940, 0.4157, 0.6274
CMYK	0.13, 0.00, 0.36, 0.42
HSL	82°, 22%, 48%
HSV	82°, 36%, 58%
XYZ	21.8697, 26.9882, 14.8837
YIQ	136.8640, 5.4140, -21.0340

Conversions

Conversions Part 2

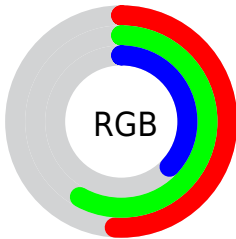
Format	Color
R _Y B	95, 149, 115
Decimal	8492383
CIE Lab	58.96, -16.73, 26.22
CIE LCh	59, 31.104, 122.539
Yxy	26.9882, 0.3431, 0.4234
Android (android.graphics.Color)	4286682463 (0xFF81955F)
YUV	136.8640, -20.6390, -6.8967
Hunter-Lab	51.9502, -15.7687, 19.3786

Details

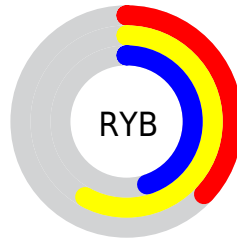
The Yxy color $26.9882, 0.3431, 0.4234$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.9977, 0.2726, 0.2301$, and the grayscale version is $25.0425, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.8545, 0.3381, 0.4025$, and $10.6110, 0.3510, 0.4583$ is the 20% darker color. If you saturate the color by 10%, you get $26.3238, 0.3502, 0.4509$, and if you desaturate by 10%, it is $27.7301, 0.3351, 0.3959$.

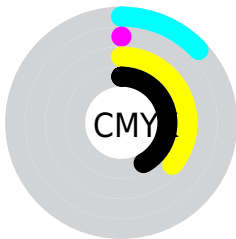
Distribution



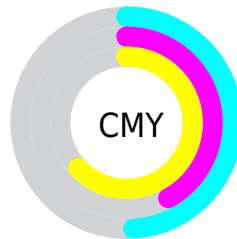
- Red (51%)
- Green (58%)
- Blue (37%)



- Red (37%)
- Yellow (58%)
- Blue (45%)



- Cyan (13%)
- Magenta (0%)
- Yellow (36%)
- Black (42%)





- Cyan (49%)
- Magenta (42%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9882, 0.3431, 0.4234 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 26.9882, 0.3431, 0.4234 by changing the saturation by 10% instead.


 26.9882, 0.3431,
0.4234


 26.9882, 0.3431,
0.4234


287.6000, 0.3278,
0.3704


 17.5644, 0.3466,
0.4387


 54.8649, 0.3377,
0.4026


 10.6377, 0.3508,
0.4598


 74.0866, 0.3356,
0.3953

 5.8238, 0.3553,
0.4901

 97.3430, 0.3338,
0.3893

 2.7382, 0.3643,
0.5455

 125.0186, 0.3323,
0.3843

 0.9966, 0.3492,
0.6508

157.4977, 0.3309,
0.3800

 0.0000, 0.0000,
0.0000

195.1647, 0.3298,

0.3764

238.4040, 0.3287,
0.3732

■ 26.9882, 0.3431,
0.4234

■ 26.9882, 0.3431,
0.4234

■ 26.3238, 0.3502,
0.4509

■ 27.7301, 0.3351,
0.3959

■ 25.7299, 0.3559,
0.4774

■ 28.5490, 0.3267,
0.3692

■ 25.2042, 0.3597,
0.5016


■ 29.4490, 0.3181,
0.3439

■ 24.7426, 0.3615,
0.5225

■ 30.4327, 0.3095,
0.3204


■ 24.3405, 0.3609,
0.5389

■ 31.5028, 0.3013,
0.2987

 23.9912, 0.3581,
0.5508

 32.6618, 0.2935,
0.2790

 23.8679, 0.3569,
0.5548

 33.9119, 0.2861,
0.2611

 35.2554, 0.2792,
0.2451

 36.6945, 0.2728,
0.2306

Harmonies

Analogous

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



26.9882, 0.3885, 0.4140



26.9882, 0.3431, 0.4234



26.9882, 0.2918, 0.4013

Triad

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



26.9882, 0.3431, 0.4234



26.9882, 0.2197, 0.2649



26.9882, 0.3786, 0.3025

Complementary

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



26.9882, 0.3431, 0.4234



13.9977, 0.2726, 0.2301

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.



26.9882, 0.3277, 0.2697



26.9882, 0.3431, 0.4234



26.9882, 0.2382, 0.2475

Square

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



26.9882, 0.3431, 0.4234



26.9882, 0.2230, 0.3025



26.9882, 0.2764, 0.2499



26.9882, 0.4114, 0.3425

Rectangle

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



26.9882, 0.3431, 0.4234



26.9882, 0.2612, 0.3713



26.9882, 0.2764, 0.2499



26.9882, 0.3628, 0.2904

Sweetspot

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



26.9894, 0.3431, 0.4234



51.9204, 0.3224, 0.3563



19.4316, 0.3845, 0.3633



11.4636, 0.3234, 0.3594



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.



26.9894, 0.3431, 0.4234



47.4154, 0.3486, 0.4445



25.1565, 0.3147, 0.4323



6.6386, 0.3206, 0.3512



20.1067, 0.3573, 0.5545



0.2629, 0.3864, 0.5314

Inverse Universe

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



13.9977, 0.2726, 0.2301



20.8262, 0.2618, 0.2067



16.0878, 0.3072, 0.2395



5.7312, 0.3043, 0.3065



2.5280, 0.1820, 0.0776



0.0467, 0.2310, 0.1046

Previews

White Background



This preview shows how the Yxy color 26.9882, 0.3431, 0.4234 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 26.9882, 0.3431, 0.4234 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

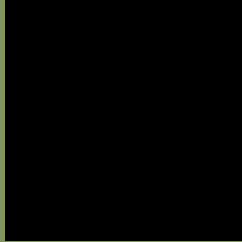
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9882, 0.3431, 0.4234

Background



This preview shows how black text looks on a background with the Yxy color 26.9882, 0.3431, 0.4234.



This preview shows how white text looks on a background with the Yxy color 26.9882, 0.3431, 0.4234.

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

26.9882, 0.3431, 0.4234

Protanopia

26.9887, 0.3781, 0.4093

Deuteranopia

26.9252, 0.3932, 0.3868



Tritanopia

26.9643, 0.2969, 0.3110

Trichromacy



Original Color

26.9882, 0.3431, 0.4234

Protanomaly

27.0609, 0.3649, 0.4153

Deuteranomaly

26.7828, 0.3735, 0.4000

Tritanomaly

26.9851, 0.3138, 0.3510

Monochromacy



Original Color

26.9882, 0.3431, 0.4234

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5232, 0.3243, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9882, 0.3431, 0.4234 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 $rgb(129, 149, 95)$ looks like.

```
.text, #text, p{  
    color:rgb(129, 149, 95)  
}
```

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, 149, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 149, 95) }
```

Border

The CSS property to change the border of an element to Yxy 26.9882, 0.3431, 0.4234 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, 149, 95) }
```

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

```
.border{ border-color:rgb(129, 149, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 149, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 149, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 149, 95);  
box-shadow:4px 4px 4px 4px rgb(129, 149,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9882, 0.3431, 0.4234 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 149, 95) }
```

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

```
.background{ background-color: rgb(129,  
149, 95) }
```

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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