

Converting Colors

$Yxy(26.2394, 0.3357, 0.4078)$

Have a look what the booklet for
Yxy(26.2394, 0.3357, 0.4078)
contains.

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Color

Yxy(26.4159, 0.3361, 0.4084)

Conversions

Conversions Part 1

Format	Color
Hex	809366
RGB	128, 147, 102
RGB Percent	50%, 58%, 40%
CMY	0.4979, 0.4236, 0.6000
CMYK	0.13, 0.00, 0.31, 0.42
HSL	85°, 18%, 49%
HSV	85°, 31%, 58%
XYZ	21.7394, 26.4159, 16.5261
YIQ	136.1890, 3.1210, -18.0230

Conversions

Conversions Part 2

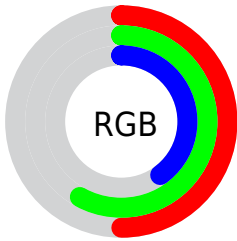
Format	Color
RYB	102, 147, 121
Decimal	8426342
CIELab	58.43, -15.04, 21.64
CIElCh	58, 26.355, 124.795
Yxy	26.4159, 0.3361, 0.4084
Android (android.graphics.Color)	4286616422 (0xFF809366)
YUV	136.1890, -16.8552, -7.1818
Hunter-Lab	51.3964, -14.4425, 16.9132

Details

The Yxy color $26.4159, 0.3361, 0.4084$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6734, 0.2830, 0.2478$, and the grayscale version is $24.7621, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.8970, 0.3318, 0.3913$, and $10.2518, 0.3431, 0.4402$ is the 20% darker color. If you saturate the color by 10%, you get $25.6849, 0.3428, 0.4366$, and if you desaturate by 10%, it is $27.2302, 0.3287, 0.3809$.

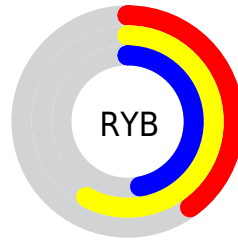
Distribution



Red (50%)

Green (58%)

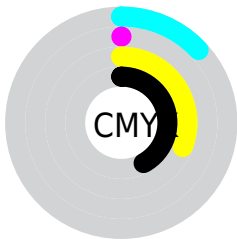
Blue (40%)



Red (40%)

Yellow (58%)

Blue (47%)

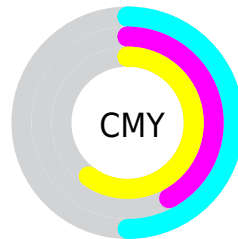


Cyan (13%)

Magenta (0%)

Yellow (31%)

Black (42%)



Cyan (50%)


Magenta (42%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4159, 0.3361, 0.4084 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 26.4159, 0.3361, 0.4084 by changing the saturation by 10% instead.


 26.4159, 0.3361,
0.4084


 26.4159, 0.3361,
0.4084


284.8178, 0.3242,
0.3637


 17.1350, 0.3390,
0.4215


 53.9451, 0.3318,
0.3908


 10.3308, 0.3425,
0.4396


 72.9623, 0.3302,
0.3846

 5.6188, 0.3466,
0.4660

 95.9937, 0.3288,
0.3796

 2.6147, 0.3518,
0.5100

 123.4237, 0.3276,
0.3754

 0.9341, 0.3576,
0.6424

155.6367, 0.3266,
0.3718

 0.0000, 0.0000,
0.0000

193.0171, 0.3257,

0.3687

235.9494, 0.3249,
0.3661

■ 26.4159, 0.3361,
0.4084

■ 26.4159, 0.3361,
0.4084

■ 25.6849, 0.3428,
0.4366

■ 27.2302, 0.3287,
0.3809

■ 25.0306, 0.3485,
0.4645

■ 28.1274, 0.3210,
0.3548

■ 24.4505, 0.3526,
0.4910

■ 29.1116, 0.3132,
0.3304

■ 23.9409, 0.3548,
0.5149

■ 30.1853, 0.3056,
0.3080

■ 23.4973, 0.3548,
0.5349

■ 31.3513, 0.2983,
0.2876

■ 23.1148, 0.3526,
0.5501

■ 32.6119, 0.2913,
0.2691

■ 22.7996, 0.3491,
0.5610

■ 33.9696, 0.2849,
0.2525

■ 35.4265, 0.2788,
0.2376

■ 36.9849, 0.2732,
0.2243

Harmonies

Analogous

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



26.4159, 0.3756, 0.4034



26.4159, 0.3361, 0.4084



26.4159, 0.2921, 0.3874

Triad

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



26.4159, 0.3361, 0.4084



26.4159, 0.2328, 0.2725



26.4159, 0.3718, 0.3089

Complementary

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



26.4159, 0.3361, 0.4084



15.6734, 0.2830, 0.2478

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.



26.4159, 0.3293, 0.2794



26.4159, 0.3361, 0.4084



26.4159, 0.2505, 0.2582

Square

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



26.4159, 0.3361, 0.4084



26.4159, 0.2344, 0.3040



26.4159, 0.2848, 0.2612



26.4159, 0.3979, 0.3442

Rectangle

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



26.4159, 0.3361, 0.4084



26.4159, 0.2661, 0.3617



26.4159, 0.2848, 0.2612



26.4159, 0.3588, 0.2981

Sweetspot

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



26.4171, 0.3361, 0.4084



50.6185, 0.3198, 0.3512



20.7767, 0.3695, 0.3615



11.5032, 0.3209, 0.3546



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.



26.4171, 0.3361, 0.4084



46.3618, 0.3410, 0.4285



24.8739, 0.3124, 0.4145



6.6242, 0.3199, 0.3513



19.7833, 0.3494, 0.5607



0.2595, 0.3810, 0.5357

Inverse Universe

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



15.6734, 0.2830, 0.2478



23.8352, 0.2742, 0.2266



17.4728, 0.3113, 0.2543



5.7452, 0.3051, 0.3066



2.7260, 0.1903, 0.0822



0.0501, 0.2402, 0.1097

Previews

White Background



This preview shows how the Yxy color 26.4159, 0.3361, 0.4084 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 26.4159, 0.3361, 0.4084 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

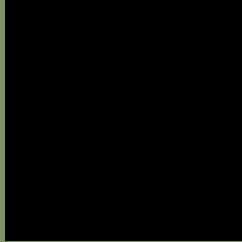
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

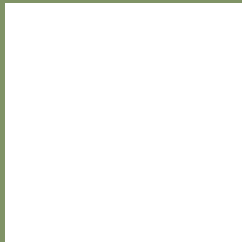
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4159, 0.3361, 0.4084

Background



This preview shows how black text looks on a background with the Yxy color 26.4159, 0.3361, 0.4084.



This preview shows how white text looks on a background with the Yxy color 26.4159, 0.3361, 0.4084.

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

26.4159, 0.3361, 0.4084

Protanopia

26.2363, 0.3684, 0.3962

Deuteranopia

26.0694, 0.3818, 0.3743



Tritanopia

26.4676, 0.2958, 0.3109

Trichromacy



Original Color

26.4159, 0.3361, 0.4084

Protanomaly

26.4047, 0.3565, 0.4015

Deuteranomaly

26.1401, 0.3648, 0.3863

Tritanomaly

26.2717, 0.3099, 0.3444

Monochromacy



Original Color

26.4159, 0.3361, 0.4084

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1979, 0.3213, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4159, 0.3361, 0.4084 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(128, 147, 102)` looks like.

```
.text, #text, p{  
    color:rgb(128, 147, 102)  
}
```

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(128, 147, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 147, 102) }
```

Border

The CSS property to change the border of an element to Yxy 26.4159, 0.3361, 0.4084 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(128, 147, 102) }
```

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

```
.border{ border-color:rgb(128, 147, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 147, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 147, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 147, 102);  
box-shadow:4px 4px 4px 4px rgb(128, 147,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4159, 0.3361, 0.4084 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 147, 102) }
```

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

```
.background{ background-color: rgb(128,  
147, 102) }
```

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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