

Converting Colors

$Y_{xy}(26.6809, 0.3145, 0.3816)$

Have a look what the booklet for
Yxy(26.6809, 0.3145, 0.3816)
contains.

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Color

Yxy(26.6988, 0.3153, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	7B9476
RGB	123, 148, 118
RGB Percent	48%, 58%, 46%
CMY	0.5177, 0.4196, 0.5373
CMYK	0.17, 0.00, 0.20, 0.42
HSL	110°, 12%, 52%
HSV	110°, 20%, 58%
XYZ	22.0255, 26.6988, 21.1313
YIQ	137.1050, -5.2700, -14.6300

Conversions

Conversions Part 2

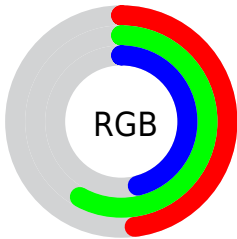
Format	Color
R_{YB}	118, 148, 143
Decimal	8098934
CIE _{Lab}	58.69, -14.85, 12.99
CIE _{LCh}	59, 19.726, 138.814
Yxy	26.6988, 0.3153, 0.3822
Android (android.graphics.Color)	4286289014 (0xFF7B9476)
YUV	137.1050, -9.4188, -12.3701
Hunter-Lab	51.6709, -14.3358, 11.9224

Details

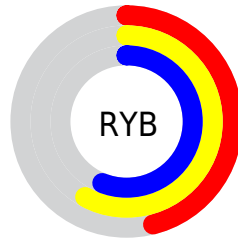
The Yxy color $26.6988, 0.3153, 0.3822$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.9377, 0.3090, 0.2794$, and the grayscale version is $25.0947, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3734, 0.3154, 0.3705$, and $10.4474, 0.3152, 0.4014$ is the 20% darker color. If you saturate the color by 10%, you get $25.5215, 0.3162, 0.4126$, and if you desaturate by 10%, it is $28.0484, 0.3141, 0.3545$.

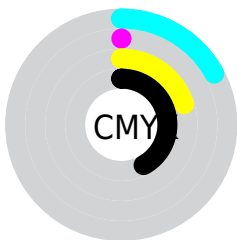
Distribution



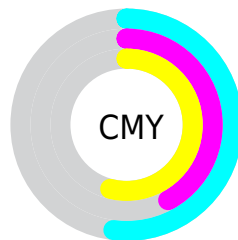
- Red (48%)
- Green (58%)
- Blue (46%)



- Red (46%)
- Yellow (58%)
- Blue (56%)



- Cyan (17%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)





- Cyan (52%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6988, 0.3153, 0.3822 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 26.6988, 0.3153, 0.3822 by changing the saturation by 10% instead.


 26.6988, 0.3153,
0.3822


 26.6988, 0.3153,
0.3822


286.1958, 0.3143,
0.3523


 17.3471, 0.3154,
0.3910


 54.4002, 0.3150,
0.3704

 10.4823, 0.3153,
0.4032


 73.5186, 0.3149,
0.3663

 5.7199, 0.3149,
0.4214

 96.6615, 0.3148,
0.3629

 2.6755, 0.3133,
0.4511

124.2132, 0.3147,
0.3601

 0.9648, 0.3334,
0.5822

156.5581, 0.3146,
0.3577

 0.0000, 0.0000,
0.0000

194.0806, 0.3145,

0.3557

237.1650, 0.3144,
0.3539

■ 26.6988, 0.3153,
0.3822

■ 26.6988, 0.3153,
0.3822

■ 25.5215, 0.3162,
0.4126

■ 28.0484, 0.3141,
0.3545

■ 24.5064, 0.3166,
0.4450

■ 29.5734, 0.3128,
0.3296

■ 23.6472, 0.3165,
0.4783

■ 31.2810, 0.3113,
0.3077

■ 22.9360, 0.3156,
0.5109

■ 33.1770, 0.3098,
0.2884

■ 22.3644, 0.3139,
0.5407

■ 35.2669, 0.3083,
0.2715

■ 21.9229, 0.3115,
0.5655

■ 37.5562, 0.3069,
0.2569

■ 21.6006, 0.3085,
0.5835

■ 40.0498, 0.3055,
0.2441

■ 21.3837, 0.3058,
0.5954

■ 42.7527, 0.3042,
0.2329

■ 45.6698, 0.3029,
0.2232

Harmonies

Analogous

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



26.6988, 0.3476, 0.3882



26.6988, 0.3153, 0.3822



26.6988, 0.2835, 0.3592

Triad

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



26.6988, 0.3153, 0.3822



26.6988, 0.2566, 0.2798



26.6988, 0.3677, 0.3267

Complementary

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



26.6988, 0.3153, 0.3822



20.9377, 0.3090, 0.2794

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.



26.6988, 0.3410, 0.3011



26.6988, 0.3153, 0.3822



26.6988, 0.2767, 0.2745

Square

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



26.6988, 0.3153, 0.3822



26.6988, 0.2507, 0.2985



26.6988, 0.3073, 0.2824



26.6988, 0.3789, 0.3541

Rectangle

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



26.6988, 0.3153, 0.3822



26.6988, 0.2667, 0.3384



26.6988, 0.3073, 0.2824



26.6988, 0.3602, 0.3177

Sweetspot

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



26.6999, 0.3153, 0.3822



50.5627, 0.3136, 0.3438



27.2521, 0.3437, 0.3701



11.5075, 0.3136, 0.3453



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.



26.6999, 0.3153, 0.3822



46.1944, 0.3157, 0.3947



26.5929, 0.3010, 0.3645



6.5119, 0.3140, 0.3517



18.2712, 0.3060, 0.5952



0.2323, 0.3280, 0.5778

Inverse Universe

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



20.9377, 0.3090, 0.2794



34.2764, 0.3081, 0.2687



21.0886, 0.3267, 0.2959



5.8610, 0.3112, 0.3070



5.4622, 0.2803, 0.1318



0.0773, 0.3013, 0.1434

Previews

White Background



This preview shows how the Yxy color 26.6988, 0.3153, 0.3822 looks on a white background.

Color Contrast Check

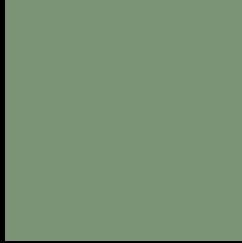
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.6988, 0.3153, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

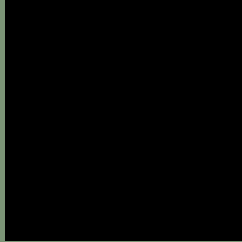
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

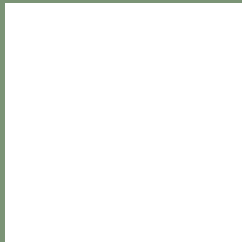
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.6988, 0.3153, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 26.6988, 0.3153, 0.3822.



This preview shows how white text looks on a background with the Yxy color 26.6988, 0.3153, 0.3822.

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

26.6988, 0.3153, 0.3822

Protanopia

26.6542, 0.3497, 0.3735

Deuteranopia

26.6702, 0.3591, 0.3526



Tritanopia

26.6451, 0.2881, 0.3107

Trichromacy



Original Color

26.6988, 0.3153, 0.3822

Protanomaly

26.7598, 0.3375, 0.3781

Deuteranomaly

26.4081, 0.3425, 0.3621

Tritanomaly

26.6859, 0.2980, 0.3358

Monochromacy



Original Color

26.6988, 0.3153, 0.3822

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

25.5670, 0.3140, 0.3480

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6988, 0.3153, 0.3822 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(123, 148, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 148, 118)  
}
```

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(123, 148, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 148, 118) }
```

Border

The CSS property to change the border of an element to Yxy 26.6988, 0.3153, 0.3822 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(123, 148, 118) }
```

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

```
.border{ border-color:rgb(123, 148, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 148, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 148, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(123, 148, 118);  
box-shadow:4px 4px 4px 4px rgb(123, 148,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6988, 0.3153, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 148, 118) }
```

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

```
.background{ background-color: rgb(123,  
148, 118) }
```

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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