

Converting Colors

$Y_{xy}(26.0774, 0.3151, 0.3744)$

Have a look what the booklet for
Yxy(26.0774, 0.3151, 0.3744)
contains.

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Color

Yxy(26.1989, 0.3147, 0.3751)

Conversions

Conversions Part 1	
Format	Color
Hex	7C9278
RGB	124, 146, 120
RGB Percent	49%, 57%, 47%
CMY	0.5137, 0.4274, 0.5294
CMYK	0.15, 0.00, 0.18, 0.43
HSL	111°, 11%, 52%
HSV	111°, 18%, 57%
XYZ	21.9803, 26.1989, 21.6660
YIQ	136.4580, -4.7660, -12.7500

Conversions

Conversions Part 2

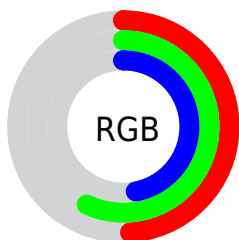
Format	Color
RYB	120, 146, 142
Decimal	8163960
CIELab	58.23, -13.03, 11.21
CIELCh	58, 17.193, 139.296
Yxy	26.1989, 0.3147, 0.3751
Android (android.graphics.Color)	4286354040 (0xFF7C9278)
YUV	136.4580, -8.1138, -10.9257
Hunter-Lab	51.1849, -12.9205, 10.7326

Details

The Yxy color $26.1989, 0.3147, 0.3751$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $21.2588, 0.3099, 0.2857$, and the grayscale version is $24.8337, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.6342, 0.3149, 0.3653$, and $10.1352, 0.3157, 0.3935$ is the 20% darker color. If you saturate the color by 10%, you get $25.0085, 0.3155, 0.4049$, and if you desaturate by 10%, it is $27.5609, 0.3137, 0.3481$.

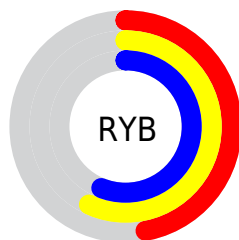
Distribution



Red (49%)

Green (57%)

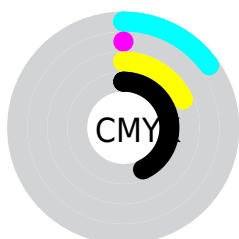
Blue (47%)



Red (47%)

Yellow (57%)

Blue (56%)

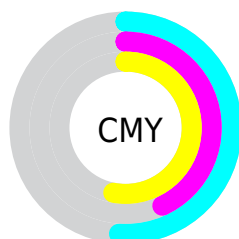


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (43%)



Cyan (51%)


Magenta (43%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1989, 0.3147, 0.3751 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 26.1989, 0.3147, 0.3751 by changing the saturation by 10% instead.


 26.1989, 0.3147,
0.3751


 26.1989, 0.3147,
0.3751


283.7571, 0.3139,
0.3492


 16.9725, 0.3148,
0.3827


 53.5956, 0.3145,
0.3649

 10.2149, 0.3147,
0.3933


 72.5348, 0.3144,
0.3613

 5.5417, 0.3144,
0.4091


 95.4803, 0.3143,
0.3584

 2.5684, 0.3133,
0.4350

122.8165, 0.3142,
0.3560

 0.9108, 0.3286,
0.5468


154.9280, 0.3141,
0.3539

 0.0000, 0.0000,
0.0000


192.1989, 0.3141,


0.3521


235.0138, 0.3140,
0.3506


 26.1989, 0.3147,
0.3751


 26.1989, 0.3147,
0.3751


 25.0085, 0.3155,
0.4049

 27.5609, 0.3137,
0.3481


 23.9798, 0.3159,
0.4369

 29.0976, 0.3124,
0.3240


 23.1066, 0.3157,
0.4703


 30.8159, 0.3111,
0.3027


 22.3814, 0.3150,
0.5033


 32.7217, 0.3098,
0.2841


 21.7957, 0.3135,
0.5341


 34.8204, 0.3085,
0.2679


 21.3404, 0.3113,
0.5604


 37.1172, 0.3072,
0.2538


 21.0051, 0.3085,
0.5802

 39.6171, 0.3060,
0.2415

 20.7749, 0.3056,
0.5933

 42.3250, 0.3048,
0.2307

 20.7351, 0.3052,
0.5959

 45.2455, 0.3037,
0.2214

Harmonies

Analogous

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



26.1989, 0.3430, 0.3809



26.1989, 0.3147, 0.3751



26.1989, 0.2867, 0.3550

Triad

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



26.1989, 0.3147, 0.3751



26.1989, 0.2634, 0.2856



26.1989, 0.3612, 0.3276

Complementary

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



26.1989, 0.3147, 0.3751



21.2588, 0.3099, 0.2857

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.



26.1989, 0.3380, 0.3047



26.1989, 0.3147, 0.3751



26.1989, 0.2815, 0.2809

Square

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



26.1989, 0.3147, 0.3751



26.1989, 0.2580, 0.3021



26.1989, 0.3086, 0.2880



26.1989, 0.3707, 0.3518

Rectangle

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



26.1989, 0.3147, 0.3751



26.1989, 0.2719, 0.3369



26.1989, 0.3086, 0.2880



26.1989, 0.3547, 0.3196

Sweetspot

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



26.2000, 0.3147, 0.3751



49.3211, 0.3133, 0.3413



26.7155, 0.3397, 0.3650



10.9355, 0.3134, 0.3428



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.



26.2000, 0.3147, 0.3751



45.4234, 0.3150, 0.3856



26.1283, 0.3024, 0.3597



6.5087, 0.3138, 0.3517



18.2523, 0.3054, 0.5957



0.2315, 0.3261, 0.5793

Inverse Universe

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



21.2588, 0.3099, 0.2857



35.1984, 0.3092, 0.2766



21.3592, 0.3247, 0.3001



5.8645, 0.3114, 0.3070



5.5758, 0.2832, 0.1334



0.0781, 0.3028, 0.1442

Previews

White Background



This preview shows how the Yxy color 26.1989, 0.3147, 0.3751 looks on a white background.

Color Contrast Check

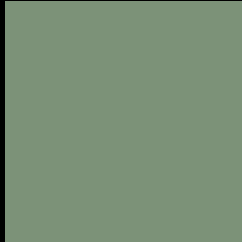
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1989, 0.3147, 0.3751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

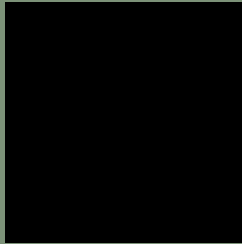
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

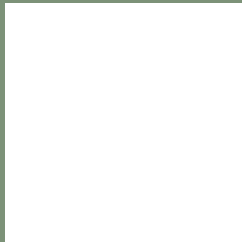
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.1989, 0.3147, 0.3751

Background



This preview shows how black text looks on a background with the Yxy color 26.1989, 0.3147, 0.3751.



This preview shows how white text looks on a background with the Yxy color 26.1989, 0.3147, 0.3751.

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

26.1989, 0.3147, 0.3751

Protanopia

25.9526, 0.3448, 0.3656

Deuteranopia

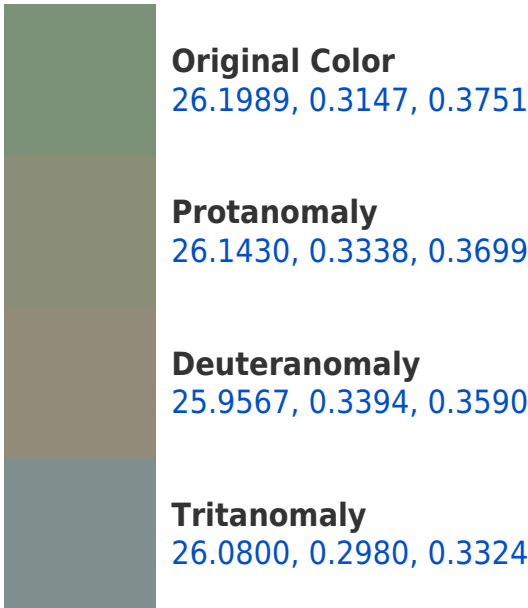
26.1040, 0.3547, 0.3498



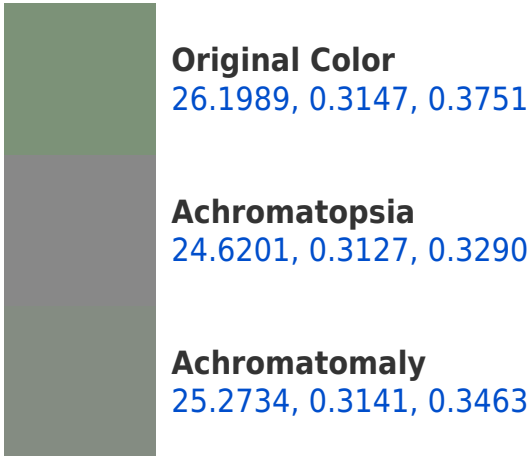
Tritanopia

26.0168, 0.2889, 0.3089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1989, 0.3147, 0.3751 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(124, 146, 120)` looks like.

```
.text, #text, p{  
    color:rgb(124, 146, 120)  
}
```

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(124, 146, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 146, 120) }
```

Border

The CSS property to change the border of an element to Yxy 26.1989, 0.3147, 0.3751 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(124, 146, 120) }
```

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

```
.border{ border-color:rgb(124, 146, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 146, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 146, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 146, 120);  
box-shadow:4px 4px 4px 4px rgb(124, 146,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1989, 0.3147, 0.3751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 146, 120) }
```

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

```
.background{ background-color: rgb(124,  
146, 120) }
```

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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