

Converting Colors

$Y_{xy}(26.5069, 0.3113, 0.3809)$

Have a look what the booklet for
Yxy(26.5069, 0.3113, 0.3809)
contains.

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Color

Yxy(26.5048, 0.3113, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	789477
RGB	120, 148, 119
RGB Percent	47%, 58%, 47%
CMY	0.5294, 0.4196, 0.5333
CMYK	0.19, 0.00, 0.20, 0.42
HSL	118°, 12%, 52%
HSV	118°, 20%, 58%
XYZ	21.6674, 26.5048, 21.4307
YIQ	136.3220, -7.3790, -14.9550

Conversions

Conversions Part 2

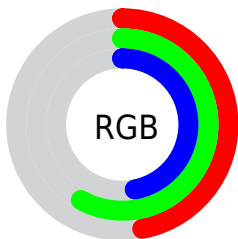
Format	Color
R_{YB}	119, 148, 147
Decimal	7902327
CIE _{Lab}	58.51, -15.74, 12.13
CIE _{LCh}	59, 19.871, 142.369
Yxy	26.5048, 0.3113, 0.3808
Android (android.graphics.Color)	4286092407 (0xFF789477)
YUV	136.3220, -8.5397, -14.3144
Hunter-Lab	51.4828, -14.9702, 11.3573

Details

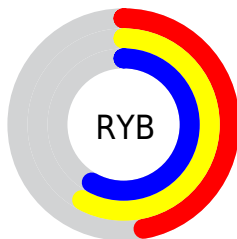
The Yxy color $26.5048, 0.3113, 0.3808$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.5381, 0.3137, 0.2818$, and the grayscale version is $24.7841, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0656, 0.3124, 0.3695$, and $10.3439, 0.3094, 0.3995$ is the 20% darker color. If you saturate the color by 10%, you get $25.2308, 0.3103, 0.4118$, and if you desaturate by 10%, it is $27.9890, 0.3121, 0.3528$.

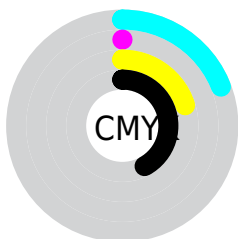
Distribution



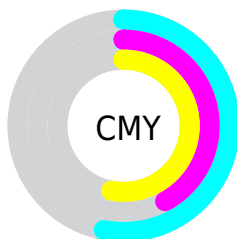
- Red (47%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (58%)



- Cyan (19%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (53%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.5048, 0.3113, 0.3808 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 26.5048, 0.3113, 0.3808 by changing the saturation by 10% instead.


 26.5048, 0.3113,
0.3808


 26.5048, 0.3113,
0.3808


285.2514, 0.3125,
0.3517


 17.2017, 0.3108,
0.3894


 54.0882, 0.3119,
0.3693

 10.3784, 0.3099,
0.4014


 73.1373, 0.3121,
0.3653

 5.6505, 0.3083,
0.4193

 96.2037, 0.3122,
0.3620

 2.6338, 0.3049,
0.4486

123.6720, 0.3123,
0.3592

 0.9437, 0.3132,
0.5778

155.9266, 0.3123,
0.3569

 0.0000, 0.0000,
0.0000

193.3517, 0.3124,

0.3549

236.3318, 0.3124,
0.3532

■ 26.5048, 0.3113,
0.3808

■ 26.5048, 0.3113,
0.3808

■ 25.2308, 0.3103,
0.4118

■ 27.9890, 0.3121,
0.3528

■ 24.1542, 0.3091,
0.4453

■ 29.6885, 0.3127,
0.3280

■ 23.2662, 0.3078,
0.4799

■ 31.6129, 0.3132,
0.3064

■ 22.5559, 0.3062,
0.5139

■ 33.7698, 0.3136,
0.2877

■ 22.0114, 0.3047,
0.5448

■ 36.1667, 0.3139,
0.2715

■ 21.6193, 0.3031,
0.5701

■ 38.8106, 0.3141,
0.2575

■ 21.3639, 0.3018,
0.5878

■ 41.7083, 0.3143,
0.2455

■ 21.2177, 0.3010,
0.5988

■ 44.8664, 0.3144,
0.2352

■ 21.2126, 0.3010,
0.5992

■ 48.2911, 0.3144,
0.2262

Harmonies

Analogous

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



26.5048, 0.3443, 0.3891



26.5048, 0.3113, 0.3808



26.5048, 0.2798, 0.3560

Triad

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



26.5048, 0.3113, 0.3808



26.5048, 0.2577, 0.2780



26.5048, 0.3706, 0.3299

Complementary

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



26.5048, 0.3113, 0.3808



21.5381, 0.3137, 0.2818

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.



26.5048, 0.3450, 0.3036



26.5048, 0.3113, 0.3808



26.5048, 0.2796, 0.2743

Square

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



26.5048, 0.3113, 0.3808



26.5048, 0.2500, 0.2953



26.5048, 0.3113, 0.2837



26.5048, 0.3797, 0.3574

Rectangle

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



26.5048, 0.3113, 0.3808



26.5048, 0.2637, 0.3346



26.5048, 0.3113, 0.2837



26.5048, 0.3636, 0.3208

Sweetspot

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



26.5059, 0.3113, 0.3808



50.3807, 0.3123, 0.3439



28.3559, 0.3417, 0.3739



11.4624, 0.3123, 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.



26.5059, 0.3113, 0.3808



45.6228, 0.3108, 0.3956



26.7701, 0.2983, 0.3570



6.4774, 0.3121, 0.3518



18.1216, 0.3010, 0.5992



0.2237, 0.3062, 0.5951

Inverse Universe

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



21.5381, 0.3137, 0.2818



35.0348, 0.3139, 0.2698



21.2409, 0.3302, 0.3026



5.8991, 0.3132, 0.3071



6.8087, 0.3125, 0.1495



0.0859, 0.3170, 0.1520

Previews

White Background



This preview shows how the Yxy color 26.5048, 0.3113, 0.3808 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 26.5048, 0.3113, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

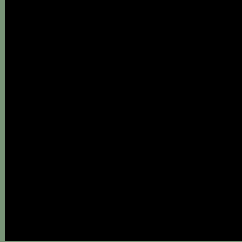
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5048, 0.3113, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 26.5048, 0.3113, 0.3808.



This preview shows how white text looks on a background with the Yxy color 26.5048, 0.3113, 0.3808.

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

26.5048, 0.3113, 0.3808

Protanopia

26.3835, 0.3490, 0.3703

Deuteranopia

26.3102, 0.3571, 0.3496



Tritanopia

26.4471, 0.2843, 0.3089

Trichromacy



Original Color

26.5048, 0.3113, 0.3808

Protanomaly

26.3091, 0.3345, 0.3751

Deuteranomaly

26.2476, 0.3391, 0.3606

Tritanomaly

26.4889, 0.2941, 0.3341

Monochromacy



Original Color

26.5048, 0.3113, 0.3808

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1137, 0.3119, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5048, 0.3113, 0.3808 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(120, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(120, 148, 119)  
}
```

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(120, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 148, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.5048, 0.3113, 0.3808 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(120, 148, 119) }
```

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

```
.border{ border-color:rgb(120, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(120, 148,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5048, 0.3113, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 148, 119) }
```

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

```
.background{ background-color: rgb(120,  
148, 119) }
```

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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