

Converting Colors

$Y_{xy}(26.4076, 0.3766, 0.3290)$

Have a look what the booklet for
Yxy(26.4076, 0.3766, 0.3290)
contains.

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Color

Yxy(26.4143, 0.3769, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	B47F7F
RGB	180, 127, 127
RGB Percent	71%, 50%, 50%
CMY	0.2941, 0.5019, 0.5020
CMYK	0.00, 0.29, 0.29, 0.29
HSL	0°, 26%, 60%
HSV	0°, 29%, 71%
XYZ	30.2416, 26.4143, 23.5819
YIQ	142.8470, 31.5880, 11.2360

Conversions

Conversions Part 2

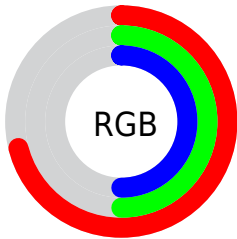
Format	Color
RYB	180, 127, 127
Decimal	11829119
CIELab	58.43, 20.53, 8.22
CIELCh	58, 22.116, 21.811
Yxy	26.4143, 0.3769, 0.3292
Android (android.graphics.Color)	4290019199 (0xFFB47F7F)
YUV	142.8470, -7.8126, 32.5832
Hunter-Lab	51.3948, 15.0916, 8.7719

Details

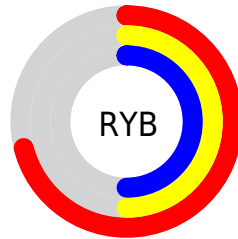
The Yxy color $26.4143, 0.3769, 0.3292$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $40.4442, 0.2708, 0.3289$, and the grayscale version is $27.4268, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9423, 0.3630, 0.3292$, and $10.2934, 0.4016, 0.3272$ is the 20% darker color. If you saturate the color by 10%, you get $21.7464, 0.4096, 0.3293$, and if you desaturate by 10%, it is $31.9988, 0.3503, 0.3291$.

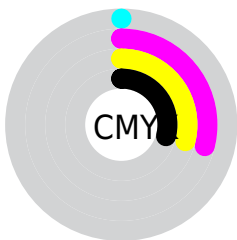
Distribution



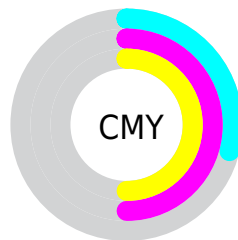
- Red (71%)
- Green (50%)
- Blue (50%)



- Red (71%)
- Yellow (50%)
- Blue (50%)



- Cyan (0%)
- Magenta (29%)
- Yellow (29%)
- Black (29%)




- Cyan (29%)
- Magenta (50%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4143, 0.3769, 0.3292 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 26.4143, 0.3769, 0.3292 by changing the saturation by 10% instead.


 26.4143, 0.3769,
0.3292


 26.4143, 0.3769,
0.3292


284.8100, 0.3415,
0.3298


 17.1338, 0.3870,
0.3287


 53.9426, 0.3631,
0.3296

 10.3300, 0.4009,
0.3279


 72.9592, 0.3582,
0.3297

 5.6183, 0.4210,
0.3263

 95.9899, 0.3542,
0.3298

 2.6144, 0.4525,
0.3227

123.4192, 0.3508,
0.3298

 0.9339, 0.5241,
0.3231

155.6315, 0.3480,
0.3298

 0.0000, 1.0000,
0.0000


193.0111, 0.3455,


 0.0000, 0.0000,

0.3298


0.0000

235.9425, 0.3434,
0.3298


 26.4143, 0.3769,
0.3292


 26.4143, 0.3769,
0.3292


 21.7464, 0.4096,
0.3293


 31.9988, 0.3503,
0.3291


 17.9427, 0.4489,
0.3294


 38.5413, 0.3290,
0.3291


 14.9513, 0.4939,
0.3296


 46.0849, 0.3119,
0.3290


 12.7131, 0.5415,
0.3297


 54.6694, 0.2982,
0.3290


 11.1611, 0.5857,
0.3298


 64.3322, 0.2871,
0.3289


 10.2166, 0.6191,
0.3299

 75.1088, 0.2781,
0.3289

 9.7275, 0.6390,
0.3300

 87.0332, 0.2708,
0.3289

 9.7036, 0.6401,
0.3300

 88.4429, 0.2701,
0.3289

Harmonies

Analogous

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



26.4143, 0.3480, 0.3003



26.4143, 0.3769, 0.3292



26.4143, 0.3874, 0.3596

Triad

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



26.4143, 0.3769, 0.3292



26.4143, 0.3116, 0.3875



26.4143, 0.2515, 0.2725

Complementary

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



26.4143, 0.3769, 0.3292



40.4442, 0.2708, 0.3289

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.



26.4143, 0.2433, 0.2917



26.4143, 0.3769, 0.3292



26.4143, 0.2766, 0.3598

Square

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



26.4143, 0.3769, 0.3292



26.4143, 0.3483, 0.3961



26.4143, 0.2521, 0.3235



26.4143, 0.2753, 0.2685

Rectangle

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



26.4143, 0.3769, 0.3292



26.4143, 0.3823, 0.3774



26.4143, 0.2521, 0.3235



26.4143, 0.2469, 0.2773

Sweetspot

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



26.4155, 0.3769, 0.3292



70.2583, 0.3284, 0.3291



28.1760, 0.3161, 0.2570



14.7915, 0.3312, 0.3291



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4155, 0.3769, 0.3292



42.4979, 0.3963, 0.3293



34.1805, 0.3662, 0.3668



8.5055, 0.3287, 0.3291



6.7729, 0.6401, 0.3300



0.2132, 0.6400, 0.3300

Inverse Universe

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



40.4442, 0.2708, 0.3289



71.8773, 0.2634, 0.3288



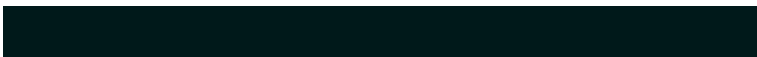
30.7524, 0.2664, 0.2879



9.6313, 0.2986, 0.3290



25.0734, 0.2246, 0.3287



0.7890, 0.2246, 0.3287

Previews

White Background



This preview shows how the Yxy color 26.4143, 0.3769, 0.3292 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 26.4143, 0.3769, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

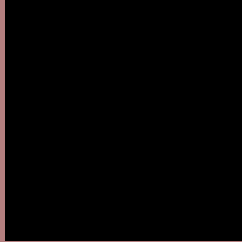
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4143, 0.3769, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 26.4143, 0.3769, 0.3292.



This preview shows how white text looks on a background with the Yxy color 26.4143, 0.3769, 0.3292.

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

26.4143, 0.3769, 0.3292

Protanopia

26.4971, 0.3243, 0.3389

Deuteranopia

26.5626, 0.3522, 0.3464



Tritanopia

26.4947, 0.3687, 0.3162

Trichromacy



Original Color

26.4143, 0.3769, 0.3292

Protanomaly

26.2357, 0.3434, 0.3354

Deuteranomaly

26.4969, 0.3603, 0.3399

Tritanomaly

26.4114, 0.3723, 0.3205

Monochromacy



Original Color

26.4143, 0.3769, 0.3292

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.7654, 0.3341, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4143, 0.3769, 0.3292 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(180, 127, 127)` looks like.

```
.text, #text, p{  
    color:rgb(180, 127, 127)  
}
```

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(180, 127, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 127, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.4143, 0.3769, 0.3292 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(180, 127, 127) }
```

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

```
.border{ border-color:rgb(180, 127, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 127, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 127, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 127, 127);  
box-shadow:4px 4px 4px 4px rgb(180, 127,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4143, 0.3769, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 127, 127) }
```

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

```
.background{ background-color: rgb(180,  
127, 127) }
```

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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