

Converting Colors

$Y_{xy}(26.1549, 0.3308, 0.3075)$

Have a look what the booklet for
Yxy(26.1549, 0.3308, 0.3075)
contains.

Yxy(26.1549, 0.3308, 0.3075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.1549, 0.3308, 0.3075)

Conversions

Conversions Part 1

Format	Color
Hex	A18492
RGB	161, 132, 146
RGB Percent	63%, 52%, 57%
CMY	0.3687, 0.4823, 0.4274
CMYK	0.00, 0.18, 0.09, 0.37
HSL	331°, 13%, 57%
HSV	331°, 18%, 63%
XYZ	28.1367, 26.1549, 30.7650
YIQ	142.2670, 12.7900, 10.5020

Conversions

Conversions Part 2

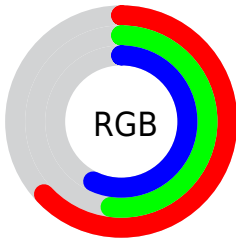
Format	Color
RYB	161, 132, 146
Decimal	10585234
CIELab	58.18, 13.48, -3.34
CIElCh	58, 13.882, 346.097
Yxy	26.1549, 0.3308, 0.3075
Android (android.graphics.Color)	4288775314 (0xFFA18492)
YUV	142.2670, 1.8404, 16.4288
Hunter-Lab	51.1419, 8.7071, 0.1327




Details

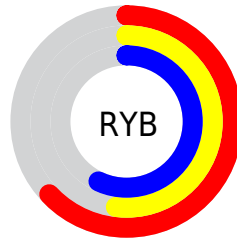
The Yxy color **26.1549, 0.3308, 0.3075** is a light color, and the websafe version is hex **999999**. A complement of this color would be **32.4983, 0.2978, 0.3516**, and the grayscale version is **27.1507, 0.3127, 0.3290**.




A 20% lighter version of the original color is **53.4670, 0.3269, 0.3116**, and **10.1303, 0.3365, 0.2981** is the 20% darker color. If you saturate the color by 10%, you get **21.8717, 0.3437, 0.2949**, and if you desaturate by 10%, it is **31.1331, 0.3200, 0.3197**.

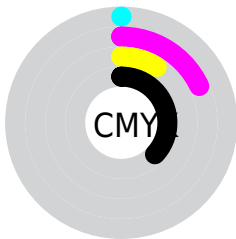
Distribution







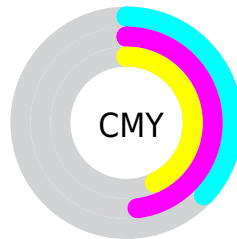
-  Red (63%)
-  Green (52%)
-  Blue (57%)






-  Red (63%)
-  Yellow (52%)
-  Blue (57%)



-  Cyan (0%)
-  Magenta (18%)
-  Yellow (9%)
-  Black (37%)





-  Cyan (37%)
-  Magenta (48%)
-  Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1549, 0.3308, 0.3075 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 26.1549, 0.3308, 0.3075 by changing the saturation by 10% instead.


 26.1549, 0.3308,
0.3075


 26.1549, 0.3308,
0.3075


283.5416, 0.3210,
0.3191


 16.9396, 0.3336,
0.3043


 53.5247, 0.3270,
0.3120

 10.1914, 0.3373,
0.2999


 72.4480, 0.3257,
0.3136

 5.5261, 0.3427,
0.2937


 95.3761, 0.3245,
0.3149

 2.5591, 0.3511,
0.2841

122.6933, 0.3236,
0.3160

 0.9061, 0.3659,
0.2674

154.7840, 0.3228,
0.3169

 0.0000, 0.9061,
0.0000

192.0328, 0.3221,

 0.0000, 0.0000,

0.3178

0.0000

234.8238, 0.3215,
0.3185

■ 26.1549, 0.3308,
0.3075

■ 26.1549, 0.3308,
0.3075

■ 21.8717, 0.3437,
0.2949

■ 31.1331, 0.3200,
0.3197

■ 18.2487, 0.3591,
0.2822

■ 36.8320, 0.3111,
0.3312

■ 15.2536, 0.3771,
0.2701

■ 43.2803, 0.3036,
0.3420

■ 12.8497, 0.3977,
0.2594

■ 50.5040, 0.2975,
0.3520

■ 10.9967, 0.4208,
0.2512

■ 58.5280, 0.2924,
0.3611

■ 9.6489, 0.4455,
0.2467

■ 67.3759, 0.2882,
0.3695

■ 8.7535, 0.4709,
0.2470

■ 77.0704, 0.2847,
0.3772

■ 8.2171, 0.4957,
0.2521

■ 83.8779, 0.2813,
0.3781

■ 8.1233, 0.5008,
0.2532

■ 84.3101, 0.2772,
0.3681

Harmonies

Analogous

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



26.1549, 0.3070, 0.2945



26.1549, 0.3308, 0.3075



26.1549, 0.3502, 0.3260

Triad

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



26.1549, 0.3308, 0.3075



26.1549, 0.3396, 0.3705



26.1549, 0.2683, 0.3094

Complementary

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



26.1549, 0.3308, 0.3075



32.4983, 0.2978, 0.3516

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.



26.1549, 0.2764, 0.3304



26.1549, 0.3308, 0.3075



26.1549, 0.3171, 0.3670

Square

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



26.1549, 0.3308, 0.3075



26.1549, 0.3552, 0.3623



26.1549, 0.2940, 0.3520



26.1549, 0.2716, 0.2949

Rectangle

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



26.1549, 0.3308, 0.3075



26.1549, 0.3577, 0.3393



26.1549, 0.2940, 0.3520



26.1549, 0.2698, 0.3159

Sweetspot

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



26.1561, 0.3308, 0.3075



58.5987, 0.3172, 0.3231



25.2784, 0.2996, 0.2835



12.7090, 0.3178, 0.3224



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.1561, 0.3308, 0.3075



43.3159, 0.3362, 0.3020



25.8777, 0.3464, 0.3299



7.1403, 0.3213, 0.3182



6.4969, 0.4989, 0.2522



0.1461, 0.4196, 0.2085

Inverse Universe

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



26.1561, 0.3308, 0.3075



43.3159, 0.3362, 0.3020



32.7966, 0.2862, 0.3282



7.1403, 0.3213, 0.3182



6.4969, 0.4989, 0.2522



0.1461, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 26.1549, 0.3308, 0.3075 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 26.1549, 0.3308, 0.3075 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

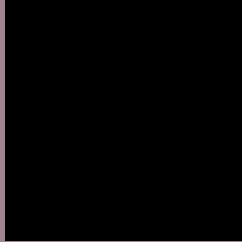
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1549, 0.3308, 0.3075

Background



This preview shows how black text looks on a background with the Yxy color 26.1549, 0.3308, 0.3075.



This preview shows how white text looks on a background with the Yxy color 26.1549, 0.3308, 0.3075.

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

26.1549, 0.3308, 0.3075

Protanopia

26.2427, 0.3029, 0.3110

Deuteranopia

26.2320, 0.3200, 0.3147



Tritanopia

26.3353, 0.3340, 0.3136

Trichromacy



Original Color

26.1549, 0.3308, 0.3075

Protanomaly

26.0741, 0.3126, 0.3082

Deuteranomaly

26.3408, 0.3246, 0.3133

Tritanomaly

26.3657, 0.3329, 0.3121

Monochromacy



Original Color

26.1549, 0.3308, 0.3075

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.5497, 0.3197, 0.3210

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1549, 0.3308, 0.3075 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(161, 132, 146)` looks like.

```
.text, #text, p{  
    color:rgb(161, 132, 146)  
}
```

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(161, 132, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 132, 146) }
```

Border

The CSS property to change the border of an element to Yxy 26.1549, 0.3308, 0.3075 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(161, 132, 146) }
```

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

```
.border{ border-color:rgb(161, 132, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 132, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 132, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 132, 146);  
box-shadow:4px 4px 4px 4px rgb(161, 132,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1549, 0.3308, 0.3075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 132, 146) }
```

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

```
.background{ background-color: rgb(161,  
132, 146) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor