

Converting Colors

$Y_{xy}(29.0526, 0.3493, 0.3383)$

Have a look what the booklet for
Yxy(29.0526, 0.3493, 0.3383)
contains.

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Color

Yxy(29.1239, 0.3489, 0.3381)

Conversions

Conversions Part 1

Format	Color
Hex	A88D87
RGB	168, 141, 135
RGB Percent	66%, 55%, 53%
CMY	0.3410, 0.4471, 0.4706
CMYK	0.00, 0.16, 0.20, 0.34
HSL	11°, 16%, 59%
HSV	11°, 20%, 66%
XYZ	30.0542, 29.1239, 26.9618
YIQ	148.3890, 18.0180, 3.8580

Conversions

Conversions Part 2

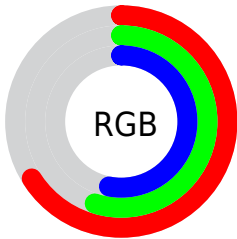
Format	Color
RYB	168, 142, 135
Decimal	11046279
CIELab	60.89, 9.21, 6.98
CIELCh	61, 11.557, 37.150
Yxy	29.1239, 0.3489, 0.3381
Android (android.graphics.Color)	4289236359 (0xFFA88D87)
YUV	148.3890, -6.6008, 17.1988
Hunter-Lab	53.9666, 4.9659, 8.1552

Details

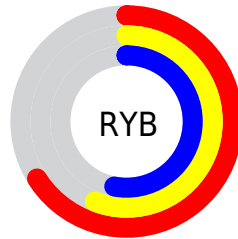
The Yxy color **29.1239, 0.3489, 0.3381** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **33.8452, 0.2834, 0.3197**, and the grayscale version is **29.8102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5083, 0.3418, 0.3371**, and **11.8511, 0.3631, 0.3420** is the 20% darker color. If you saturate the color by 10%, you get **24.8791, 0.3731, 0.3431**, and if you desaturate by 10%, it is **33.9505, 0.3288, 0.3333**.

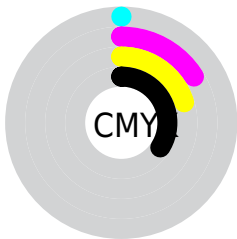
Distribution



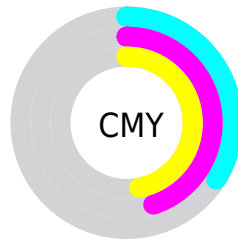
- Red (66%)
- Green (55%)
- Blue (53%)



- Red (66%)
- Yellow (56%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (20%)
- Black (34%)





- Cyan (34%)
- Magenta (45%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.1239, 0.3489, 0.3381 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 29.1239, 0.3489, 0.3381 by changing the saturation by 10% instead.

 29.1239, 0.3489,
0.3381

 29.1239, 0.3489,
0.3381


297.7991, 0.3293,
0.3334


 19.1746, 0.3544,
0.3393


 58.2739, 0.3414,
0.3364

 11.7965, 0.3618,
0.3408

 78.2433, 0.3386,
0.3358

 6.6053, 0.3725,
0.3428


 102.3216, 0.3364,
0.3352

 3.2165, 0.3889,
0.3456

130.8931, 0.3345,
0.3348

 1.2458, 0.4184,
0.3499

164.3422, 0.3329,
0.3344

 0.0986, 0.7636,
0.2364

203.0533, 0.3315,

 0.0000, 0.0000,

0.3340

0.0000

247.4108, 0.3303,
0.3337

■ 29.1239, 0.3489,
0.3381

■ 29.1239, 0.3489,
0.3381

■ 24.8791, 0.3731,
0.3431

■ 33.9505, 0.3288,
0.3333

■ 21.1902, 0.4021,
0.3480

■ 39.3757, 0.3122,
0.3289

■ 18.0353, 0.4361,
0.3525

■ 45.4205, 0.2985,
0.3247

■ 15.3893, 0.4746,
0.3560

■ 52.1038, 0.2871,
0.3210

■ 13.2252, 0.5160,
0.3576

■ 59.4435, 0.2775,
0.3176

■ 11.5134, 0.5568,
0.3565

■ 67.4569, 0.2696,
0.3145

■ 10.2210, 0.5922,
0.3522

■ 76.1607, 0.2628,
0.3117

■ 9.3047, 0.6192,
0.3461

■ 84.6053, 0.2637,
0.3246

■ 9.2793, 0.6200,
0.3459

■ 87.0699, 0.2643,
0.3289

Harmonies

Analogous

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



29.1239, 0.3388, 0.3219



29.1239, 0.3489, 0.3381



29.1239, 0.3489, 0.3525

Triad

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



29.1239, 0.3489, 0.3381



29.1239, 0.3030, 0.3517



29.1239, 0.2866, 0.2977

Complementary

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



29.1239, 0.3489, 0.3381



33.8452, 0.2834, 0.3197

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.



29.1239, 0.2777, 0.3044



29.1239, 0.3489, 0.3381



29.1239, 0.2870, 0.3356

Square

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



29.1239, 0.3489, 0.3381



29.1239, 0.3220, 0.3611



29.1239, 0.2779, 0.3181



29.1239, 0.3026, 0.2991

Rectangle

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



29.1239, 0.3489, 0.3381



29.1239, 0.3432, 0.3592



29.1239, 0.2779, 0.3181



29.1239, 0.2827, 0.2990

Sweetspot

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



29.1252, 0.3489, 0.3381



64.9369, 0.3225, 0.3317



28.2881, 0.3206, 0.2889



14.0243, 0.3236, 0.3320



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



29.1252, 0.3489, 0.3381



49.0103, 0.3599, 0.3405



34.2048, 0.3445, 0.3615



7.7538, 0.3281, 0.3332



7.0596, 0.6185, 0.3471



0.2331, 0.5640, 0.3904

Inverse Universe

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



33.8452, 0.2834, 0.3197



59.2925, 0.2765, 0.3172



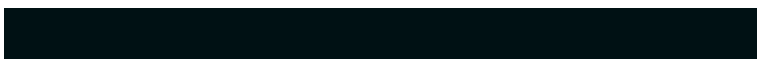
28.5447, 0.2818, 0.2942



8.2977, 0.2987, 0.3248



15.8432, 0.2087, 0.2712



0.4439, 0.2145, 0.2922

Previews

White Background



This preview shows how the Yxy color 29.1239, 0.3489, 0.3381 looks on a white background.

Color Contrast Check

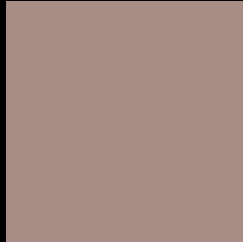
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1239, 0.3489, 0.3381 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

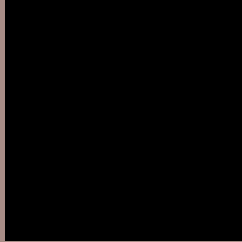
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1239, 0.3489, 0.3381

Background



This preview shows how black text looks on a background with the Yxy color 29.1239, 0.3489, 0.3381.



This preview shows how white text looks on a background with the Yxy color 29.1239, 0.3489, 0.3381.

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

29.1239, 0.3489, 0.3381

Protanopia

29.0681, 0.3270, 0.3417

Deuteranopia

29.2023, 0.3463, 0.3397



Tritanopia

29.2133, 0.3354, 0.3129

Trichromacy



Original Color

29.1239, 0.3489, 0.3381

Protanomaly

29.0218, 0.3349, 0.3399

Deuteranomaly

29.3108, 0.3475, 0.3397

Tritanomaly

29.2355, 0.3394, 0.3217

Monochromacy



Original Color

29.1239, 0.3489, 0.3381

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.2025, 0.3253, 0.3322

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.1239, 0.3489, 0.3381 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(168, 141, 135)` looks like.

```
.text, #text, p{  
    color:rgb(168, 141, 135)  
}
```

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(168, 141, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 141, 135) }
```

Border

The CSS property to change the border of an element to Yxy 29.1239, 0.3489, 0.3381 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(168, 141, 135) }
```

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

```
.border{ border-color:rgb(168, 141, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 141, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 141, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 141, 135);  
box-shadow:4px 4px 4px 4px rgb(168, 141,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1239, 0.3489, 0.3381 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 141, 135) }
```

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

```
.background{ background-color: rgb(168,  
141, 135) }
```

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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