

Converting Colors

$Y_{xy}(29.7336, 0.3495, 0.3297)$

Have a look what the booklet for
Yxy(29.7336, 0.3495, 0.3297)
contains.

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Color

Yxy(29.8274, 0.3490, 0.3306)

Conversions

Conversions Part 1

Format	Color
Hex	AD8D8C
RGB	173, 141, 140
RGB Percent	68%, 55%, 55%
CMY	0.3217, 0.4470, 0.4510
CMYK	0.00, 0.18, 0.19, 0.32
HSL	2°, 17%, 61%
HSV	2°, 19%, 68%
XYZ	31.4875, 29.8274, 28.9071
YIQ	150.4540, 19.3930, 6.4730

Conversions

Conversions Part 2

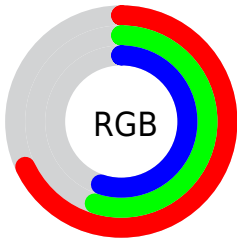
Format	Color
R _Y B	173, 141, 140
Decimal	11373964
CIE Lab	61.51, 11.90, 5.09
CIE LCh	62, 12.937, 23.156
Yxy	29.8274, 0.3490, 0.3306
Android (android.graphics.Color)	4289564044 (0xFFAD8D8C)
YUV	150.4540, -5.1538, 19.7728
Hunter-Lab	54.6145, 7.3373, 6.8483

Details

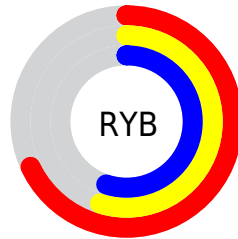
The Yxy color $29.8274, 0.3490, 0.3306$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $38.0798, 0.2846, 0.3274$, and the grayscale version is $30.7181, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5385, 0.3420, 0.3313$, and $12.2134, 0.3616, 0.3312$ is the 20% darker color. If you saturate the color by 10%, you get $24.7822, 0.3749, 0.3315$, and if you desaturate by 10%, it is $35.7039, 0.3281, 0.3297$.

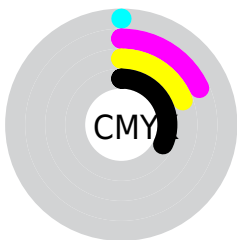
Distribution



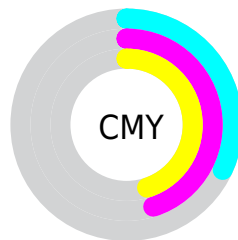
- Red (68%)
- Green (55%)
- Blue (55%)



- Red (68%)
- Yellow (55%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (19%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8274, 0.3490, 0.3306 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 29.8274, 0.3490, 0.3306 by changing the saturation by 10% instead.


 29.8274, 0.3490,
0.3306


 29.8274, 0.3490,
0.3306


301.0991, 0.3294,
0.3300


 19.7076, 0.3544,
0.3307


 59.3891, 0.3415,
0.3304

 12.1827, 0.3618,
0.3307


 79.5998, 0.3388,
0.3303

 6.8682, 0.3723,
0.3307


 103.9430, 0.3365,
0.3303

 3.3798, 0.3885,
0.3303

132.8030, 0.3347,
0.3302

 1.3331, 0.4164,
0.3289

166.5642, 0.3331,
0.3301

 0.1666, 0.7292,
0.2708

205.6110, 0.3317,

 0.0000, 0.0000,

0.3301

0.0000

250.3278, 0.3305,
0.3300

■ 29.8274, 0.3490,
0.3306

■ 29.8274, 0.3490,
0.3306

■ 24.7822, 0.3749,
0.3315

■ 35.7039, 0.3281,
0.3297

■ 20.5268, 0.4066,
0.3324

■ 42.4424, 0.3113,
0.3289

■ 17.0226, 0.4446,
0.3333

■ 50.0772, 0.2977,
0.3282

■ 14.2260, 0.4883,
0.3339

■ 58.6395, 0.2867,
0.3275

■ 12.0888, 0.5349,
0.3341

■ 68.1590, 0.2778,
0.3270

■ 10.5569, 0.5791,
0.3337

■ 78.6640, 0.2704,
0.3264

■ 9.5677, 0.6142,
0.3327

■ 87.6213, 0.2666,
0.3289

■ 9.0347, 0.6359,
0.3319

■ 8.9971, 0.6377,
0.3319

Harmonies

Analogous

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



29.8274, 0.3335, 0.3133



29.8274, 0.3490, 0.3306



29.8274, 0.3544, 0.3481

Triad

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



29.8274, 0.3490, 0.3306



29.8274, 0.3117, 0.3604



29.8274, 0.2780, 0.2966

Complementary

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



29.8274, 0.3490, 0.3306



38.0798, 0.2846, 0.3274

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.



29.8274, 0.2727, 0.3079



29.8274, 0.3490, 0.3306



29.8274, 0.2917, 0.3452

Square

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



29.8274, 0.3490, 0.3306



29.8274, 0.3324, 0.3662



29.8274, 0.2776, 0.3257



29.8274, 0.2924, 0.2940

Rectangle

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



29.8274, 0.3490, 0.3306



29.8274, 0.3515, 0.3576



29.8274, 0.2776, 0.3257



29.8274, 0.2752, 0.2995

Sweetspot

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



29.8288, 0.3490, 0.3306



67.3746, 0.3227, 0.3295



30.6315, 0.3154, 0.2834



14.4839, 0.3238, 0.3295



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



29.8288, 0.3490, 0.3306



49.3396, 0.3596, 0.3310



34.9005, 0.3448, 0.3537



8.0535, 0.3286, 0.3298



6.6276, 0.6372, 0.3322



0.1969, 0.6249, 0.3420

Inverse Universe

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



38.0798, 0.2846, 0.3274



66.9361, 0.2786, 0.3270



32.3468, 0.2832, 0.3030



9.0290, 0.2987, 0.3283



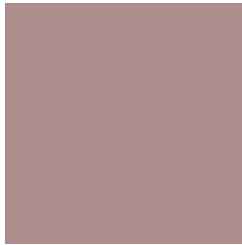
22.7149, 0.2221, 0.3195



0.6448, 0.2229, 0.3225

Previews

White Background



This preview shows how the Yxy color 29.8274, 0.3490, 0.3306 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 29.8274, 0.3490, 0.3306 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

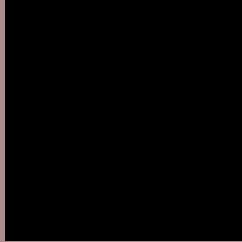
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8274, 0.3490, 0.3306

Background



This preview shows how black text looks on a background with the Yxy color 29.8274, 0.3490, 0.3306.



This preview shows how white text looks on a background with the Yxy color 29.8274, 0.3490, 0.3306.

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

29.8274, 0.3490, 0.3306

Protanopia

29.8688, 0.3207, 0.3353

Deuteranopia

29.9470, 0.3405, 0.3351



Tritanopia

29.6659, 0.3398, 0.3131

Trichromacy



Original Color

29.8274, 0.3490, 0.3306

Protanomaly

29.7076, 0.3307, 0.3321

Deuteranomaly

29.9734, 0.3441, 0.3336

Tritanomaly

29.8302, 0.3439, 0.3204

Monochromacy



Original Color

29.8274, 0.3490, 0.3306

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2119, 0.3252, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8274, 0.3490, 0.3306 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(173, 141, 140)` looks like.

```
.text, #text, p{  
    color:rgb(173, 141, 140)  
}
```

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(173, 141, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 141, 140) }
```

Border

The CSS property to change the border of an element to Yxy 29.8274, 0.3490, 0.3306 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(173, 141, 140) }
```

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

```
.border{ border-color:rgb(173, 141, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 141, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 141, 140); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 141, 140); box-shadow:4px 4px 4px 4px rgb(173, 141, 140) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8274, 0.3490, 0.3306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 141, 140) }
```

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

```
.background{ background-color: rgb(173,  
141, 140) }
```

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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