

Converting Colors

Yxy(30.0943, 0.3498, 0.3335)

Have a look what the booklet for
Yxy(30.0943, 0.3498, 0.3335)
contains.

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Color

Yxy(30.0943, 0.3498, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	AD8E8B
RGB	173, 142, 139
RGB Percent	68%, 56%, 55%
CMY	0.3216, 0.4431, 0.4548
CMYK	0.00, 0.18, 0.20, 0.32
HSL	5°, 17%, 61%
HSV	5°, 20%, 68%
XYZ	31.5652, 30.0943, 28.5783
YIQ	150.9270, 19.4390, 5.6390

Conversions

Conversions Part 2

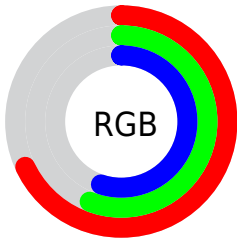
Format	Color
RYB	173, 142, 139
Decimal	11374219
CIELab	61.74, 11.19, 5.97
CIELCh	62, 12.681, 28.105
Yxy	30.0943, 0.3498, 0.3335
Android (android.graphics.Color)	4289564299 (0xFFAD8E8B)
YUV	150.9270, -5.8800, 19.3580
Hunter-Lab	54.8583, 6.7060, 7.5138

Details

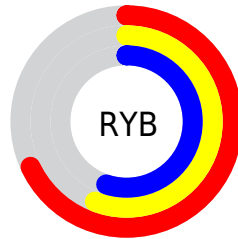
The Yxy color **30.0943, 0.3498, 0.3335** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.2548, 0.2836, 0.3245**, and the grayscale version is **30.9345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.9436, 0.3426, 0.3336**, and **12.3686, 0.3627, 0.3354** is the 20% darker color. If you saturate the color by 10%, you get **25.2619, 0.3753, 0.3360**, and if you desaturate by 10%, it is **35.6739, 0.3290, 0.3311**.

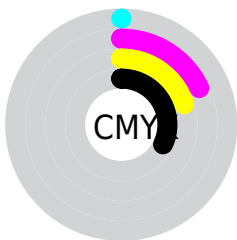
Distribution



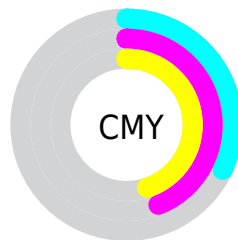
- Red (68%)
- Green (56%)
- Blue (55%)



- Red (68%)
- Yellow (56%)
- Blue (55%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (32%)




- Cyan (32%)
- Magenta (44%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.0943, 0.3498, 0.3335 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 30.0943, 0.3498, 0.3335 by changing the saturation by 10% instead.


 30.0943, 0.3498,
0.3335


 30.0943, 0.3498,
0.3335


302.3438, 0.3298,
0.3313


 19.9102, 0.3554,
0.3340


 59.8113, 0.3421,
0.3327

 12.3298, 0.3628,
0.3346


 80.1129, 0.3394,
0.3325

 6.9687, 0.3735,
0.3353


 104.5559, 0.3371,
0.3322

 3.4425, 0.3899,
0.3360

133.5245, 0.3352,
0.3320

 1.3669, 0.4182,
0.3364

167.4032, 0.3335,
0.3318

 0.1921, 0.7034,
0.2966

206.5764, 0.3321,

 0.0000, 0.0000,


0.3316

0.0000

251.4284, 0.3309,
0.3315


 30.0943, 0.3498,
0.3335


 30.0943, 0.3498,
0.3335


 25.2619, 0.3753,
0.3360


 35.6739, 0.3290,
0.3311


 21.1412, 0.4062,
0.3384

 42.0261, 0.3122,
0.3289


 17.6996, 0.4430,
0.3406

 49.1805, 0.2984,
0.3269

 14.9006, 0.4850,
0.3422

 57.1637, 0.2872,
0.3251

 12.7044, 0.5299,
0.3426

 66.0009, 0.2779,
0.3234

■ 11.0665, 0.5731,
0.3416

■ 75.7165, 0.2703,
0.3219

■ 9.9362, 0.6084,
0.3388

■ 86.0005, 0.2663,
0.3261

■ 9.2485, 0.6322,
0.3357

■ 87.6224, 0.2666,
0.3289

■ 9.2304, 0.6329,
0.3357

Harmonies

Analogous

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



30.0943, 0.3361, 0.3163



30.0943, 0.3498, 0.3335



30.0943, 0.3532, 0.3502

Triad

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



30.0943, 0.3498, 0.3335



30.0943, 0.3083, 0.3577



30.0943, 0.2806, 0.2963

Complementary

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



30.0943, 0.3498, 0.3335



37.2548, 0.2836, 0.3245

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.



30.0943, 0.2738, 0.3060



30.0943, 0.3498, 0.3335



30.0943, 0.2894, 0.3418

Square

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



30.0943, 0.3498, 0.3335



30.0943, 0.3288, 0.3651



30.0943, 0.2770, 0.3226



30.0943, 0.2959, 0.2952

Rectangle

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



30.0943, 0.3498, 0.3335



30.0943, 0.3492, 0.3589



30.0943, 0.2770, 0.3226



30.0943, 0.2773, 0.2986

Sweetspot

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



30.0957, 0.3498, 0.3335



67.7587, 0.3227, 0.3303



30.2614, 0.3178, 0.2850



14.5751, 0.3238, 0.3305



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.



30.0957, 0.3498, 0.3335



49.6047, 0.3613, 0.3347



35.4857, 0.3453, 0.3576



8.1245, 0.3284, 0.3311



6.8208, 0.6319, 0.3365



0.2254, 0.6002, 0.3616

Inverse Universe

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



37.2548, 0.2836, 0.3245



65.0186, 0.2770, 0.3232



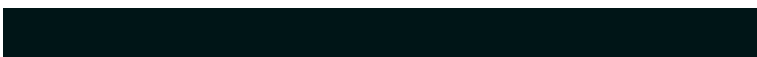
31.3458, 0.2821, 0.2986



8.9497, 0.2986, 0.3269



20.1675, 0.2171, 0.3017



0.5954, 0.2196, 0.3106

Previews

White Background



This preview shows how the Yxy color 30.0943, 0.3498, 0.3335 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 30.0943, 0.3498, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

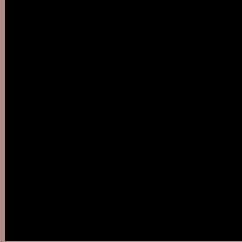
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.0943, 0.3498, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 30.0943, 0.3498, 0.3335.



This preview shows how white text looks on a background with the Yxy color 30.0943, 0.3498, 0.3335.

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

30.0943, 0.3498, 0.3335

Protanopia

30.3481, 0.3237, 0.3384

Deuteranopia

30.1354, 0.3438, 0.3366



Tritanopia

29.9892, 0.3385, 0.3131

Trichromacy



Original Color

30.0943, 0.3498, 0.3335

Protanomaly

30.0878, 0.3326, 0.3352

Deuteranomaly

30.0550, 0.3462, 0.3350

Tritanomaly

30.1550, 0.3426, 0.3204

Monochromacy



Original Color

30.0943, 0.3498, 0.3335

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.6573, 0.3251, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.0943, 0.3498, 0.3335 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, 142, 139)` looks like.

```
.text, #text, p{  
    color:rgb(173, 142, 139)  
}
```

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, 142, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 142, 139) }
```

Border

The CSS property to change the border of an element to Yxy 30.0943, 0.3498, 0.3335 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, 142, 139) }
```

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

```
.border{ border-color:rgb(173, 142, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 142, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 142, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 142, 139);  
box-shadow:4px 4px 4px 4px rgb(173, 142,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 30.0943, 0.3498, 0.3335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 142, 139) }
```

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

```
.background{ background-color: rgb(173,  
142, 139) }
```

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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