

Converting Colors

$Y_{xy}(29.6959, 0.3587, 0.3422)$

Have a look what the booklet for
Yxy(29.6959, 0.3587, 0.3422)
contains.

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Color

Yxy(29.7144, 0.3589, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D84
RGB	174, 141, 132
RGB Percent	68%, 55%, 52%
CMY	0.3176, 0.4471, 0.4824
CMYK	0.00, 0.19, 0.24, 0.32
HSL	13°, 21%, 60%
HSV	13°, 24%, 68%
XYZ	31.1463, 29.7144, 25.9220
YIQ	149.8410, 22.5570, 4.1970

Conversions

Conversions Part 2

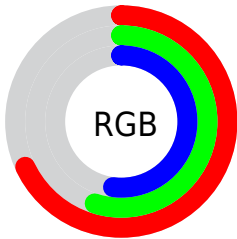
Format	Color
RYB	174, 143, 132
Decimal	11439492
CIELab	61.41, 11.06, 9.50
CIElCh	61, 14.586, 40.666
Yxy	29.7144, 0.3589, 0.3424
Android (android.graphics.Color)	4289629572 (0xFFAE8D84)
YUV	149.8410, -8.7956, 21.1874
Hunter-Lab	54.5109, 6.5968, 9.9630

Details

The Yxy color $29.7144, 0.3589, 0.3424$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.8727, 0.2767, 0.3152$, and the grayscale version is $30.4600, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.3560, 0.3492, 0.3403$, and $12.1717, 0.3747, 0.3458$ is the 20% darker color. If you saturate the color by 10%, you get $25.4925, 0.3848, 0.3483$, and if you desaturate by 10%, it is $34.5161, 0.3373, 0.3366$.

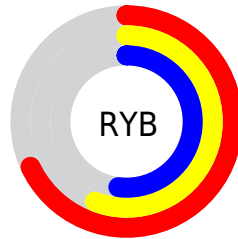
Distribution



Red (68%)

Green (55%)

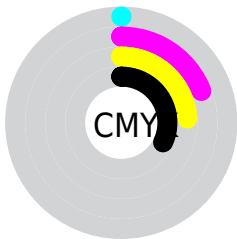
Blue (52%)



Red (68%)

Yellow (56%)

Blue (52%)

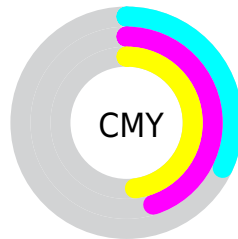


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (32%)



Cyan (32%)

Magenta (45%)

Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7144, 0.3589, 0.3424 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 29.7144, 0.3589, 0.3424 by changing the saturation by 10% instead.


 29.7144, 0.3589,
0.3424


 29.7144, 0.3589,
0.3424


300.5709, 0.3339,
0.3356

 19.6219, 0.3659,
0.3441


 59.2102, 0.3493,
0.3399

 12.1205, 0.3753,
0.3463


 79.3824, 0.3459,
0.3390

 6.8258, 0.3886,
0.3491


 103.6831, 0.3430,
0.3382

 3.3534, 0.4092,
0.3528

132.4970, 0.3406,
0.3375

 1.3189, 0.4469,
0.3595

166.2083, 0.3386,
0.3370

 0.1558, 0.7286,
0.2714

205.2015, 0.3368,

 0.0000, 0.0000,


0.3365


0.0000


249.8609, 0.3352,
0.3360

 29.7144, 0.3589,
0.3424


 29.7144, 0.3589,
0.3424


 25.4925, 0.3848,
0.3483


 34.5161, 0.3373,
0.3366


 21.8244, 0.4153,
0.3540

 39.9144, 0.3193,
0.3312


 18.6881, 0.4505,
0.3590


 45.9304, 0.3043,
0.3261

 16.0583, 0.4894,
0.3623

 52.5829, 0.2918,
0.3214

 13.9079, 0.5298,
0.3632


 59.8899, 0.2814,
0.3172


 12.2071, 0.5680,
0.3606

 67.8687, 0.2727,
0.3134

 10.9222, 0.5992,
0.3545

 76.5360, 0.2653,
0.3099

 10.3415, 0.6143,
0.3504

 84.8199, 0.2665,
0.3238

 87.7396, 0.2671,
0.3289

Harmonies

Analogous

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



29.7144, 0.3476, 0.3223



29.7144, 0.3589, 0.3424



29.7144, 0.3572, 0.3600

Triad

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



29.7144, 0.3589, 0.3424



29.7144, 0.2978, 0.3556



29.7144, 0.2820, 0.2897

Complementary

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



29.7144, 0.3589, 0.3424



34.8727, 0.2767, 0.3152

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.



29.7144, 0.2699, 0.2966



29.7144, 0.3589, 0.3424



29.7144, 0.2787, 0.3345

Square

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



29.7144, 0.3589, 0.3424



29.7144, 0.3214, 0.3688



29.7144, 0.2687, 0.3127



29.7144, 0.3026, 0.2927

Rectangle

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



29.7144, 0.3589, 0.3424



29.7144, 0.3491, 0.3679



29.7144, 0.2687, 0.3127



29.7144, 0.2769, 0.2909

Sweetspot

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



29.7158, 0.3589, 0.3424



69.3599, 0.3243, 0.3327



28.2399, 0.3242, 0.2812



15.2875, 0.3253, 0.3331



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



29.7158, 0.3589, 0.3424



49.6552, 0.3722, 0.3456



36.2968, 0.3523, 0.3713



8.2833, 0.3281, 0.3339



7.5734, 0.6125, 0.3519



0.2884, 0.5570, 0.3960

Inverse Universe

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



34.8727, 0.2767, 0.3152



60.6433, 0.2690, 0.3117



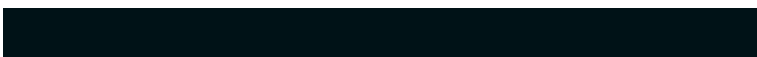
28.0903, 0.2740, 0.2828



8.7763, 0.2986, 0.3240



15.2205, 0.2055, 0.2597



0.4953, 0.2119, 0.2830

Previews

White Background



This preview shows how the Yxy color 29.7144, 0.3589, 0.3424 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 29.7144, 0.3589, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

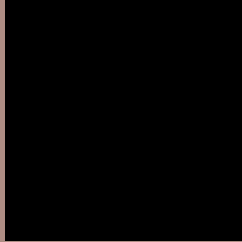
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.7144, 0.3589, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 29.7144, 0.3589, 0.3424.



This preview shows how white text looks on a background with the Yxy color 29.7144, 0.3589, 0.3424.

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

29.7144, 0.3589, 0.3424

Protanopia

29.8274, 0.3308, 0.3479

Deuteranopia

29.7459, 0.3526, 0.3456



Tritanopia

29.5770, 0.3433, 0.3132

Trichromacy



Original Color

29.7144, 0.3589, 0.3424

Protanomaly

29.5771, 0.3400, 0.3445

Deuteranomaly

29.6699, 0.3552, 0.3440

Tritanomaly

29.5624, 0.3485, 0.3233

Monochromacy



Original Color

29.7144, 0.3589, 0.3424

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2215, 0.3293, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7144, 0.3589, 0.3424 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(174, 141, 132)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 132)  
}
```

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(174, 141, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 132) }
```

Border

The CSS property to change the border of an element to Yxy 29.7144, 0.3589, 0.3424 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(174, 141, 132) }
```

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

```
.border{ border-color:rgb(174, 141, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 141, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 132);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7144, 0.3589, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 141, 132) }
```

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

```
.background{ background-color: rgb(174,  
141, 132) }
```

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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