

Converting Colors

$Y_{xy}(29.4818, 0.3626, 0.3439)$

Have a look what the booklet for
Yxy(29.4818, 0.3626, 0.3439)
contains.

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Color

Yxy(29.4818, 0.3626, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	AF8C82
RGB	175, 140, 130
RGB Percent	69%, 55%, 51%
CMY	0.3137, 0.4510, 0.4903
CMYK	0.00, 0.20, 0.26, 0.31
HSL	13°, 22%, 60%
HSV	13°, 26%, 69%
XYZ	31.0849, 29.4818, 25.1611
YIQ	149.3250, 24.0700, 4.3100

Conversions

Conversions Part 2

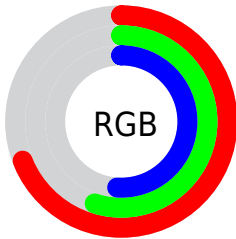
Format	Color
R_{YB}	175, 143, 130
Decimal	11504770
CIE Lab	61.20, 11.71, 10.38
CIE LCh	61, 15.648, 41.557
Yxy	29.4818, 0.3626, 0.3439
Android (android.graphics.Color)	4289694850 (0xFFAF8C82)
YUV	149.3250, -9.5272, 22.5170
Hunter-Lab	54.2971, 7.1706, 10.5332

Details

The Yxy color $29.4818, 0.3626, 0.3439$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $34.7364, 0.2743, 0.3135$, and the grayscale version is $30.2322, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.9914, 0.3519, 0.3414$, and $12.0440, 0.3803, 0.3478$ is the 20% darker color. If you saturate the color by 10%, you get $25.3204, 0.3891, 0.3500$, and if you desaturate by 10%, it is $34.2171, 0.3404, 0.3379$.

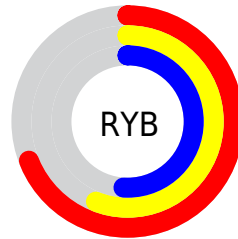
Distribution



Red (69%)

Green (55%)

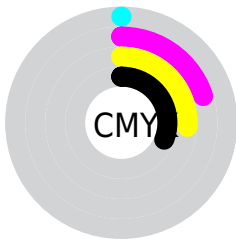
Blue (51%)



Red (69%)

Yellow (56%)

Blue (51%)

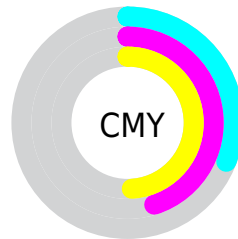


Cyan (0%)

Magenta (20%)

Yellow (26%)

Black (31%)



Cyan (31%)


Magenta (45%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.4818, 0.3626, 0.3439 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 29.4818, 0.3626, 0.3439 by changing the saturation by 10% instead.


 29.4818, 0.3626,
0.3439


 29.4818, 0.3626,
0.3439


299.4815, 0.3355,
0.3364

 19.4456, 0.3701,
0.3458


 58.8417, 0.3522,
0.3412

 11.9927, 0.3803,
0.3481


 78.9342, 0.3485,
0.3401

 6.7387, 0.3948,
0.3512


 103.1476, 0.3454,
0.3393

 3.2992, 0.4171,
0.3552

131.8662, 0.3428,
0.3385

 1.2899, 0.4600,
0.3638

165.4745, 0.3406,
0.3379

 0.1333, 0.7557,
0.2443

204.3569, 0.3387,

 0.0000, 0.0000,

0.3373

0.0000

248.8978, 0.3370,
0.3368

■ 29.4818, 0.3626,
0.3439

■ 29.4818, 0.3626,
0.3439

■ 25.3204, 0.3891,
0.3500

■ 34.2171, 0.3404,
0.3379

■ 21.7070, 0.4202,
0.3559

■ 39.5429, 0.3219,
0.3321

■ 18.6195, 0.4558,
0.3608


■ 45.4802, 0.3065,
0.3268


■ 16.0330, 0.4948,
0.3640


■ 52.0477, 0.2937,
0.3219

■ 13.9202, 0.5348,
0.3645


■ 59.2633, 0.2829,
0.3174

 12.2514, 0.5719,
0.3614

 67.1443, 0.2739,
0.3134

 10.9925, 0.6017,
0.3546

 75.7072, 0.2663,
0.3097

 10.5650, 0.6127,
0.3517

 83.9657, 0.2668,
0.3221

 87.8540, 0.2676,
0.3289

Harmonies

Analogous

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



29.4818, 0.3508, 0.3224



29.4818, 0.3626, 0.3439



29.4818, 0.3603, 0.3627

Triad

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



29.4818, 0.3626, 0.3439



29.4818, 0.2960, 0.3571



29.4818, 0.2803, 0.2867

Complementary

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



29.4818, 0.3626, 0.3439



34.7364, 0.2743, 0.3135

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.



29.4818, 0.2670, 0.2938



29.4818, 0.3626, 0.3439



29.4818, 0.2757, 0.3342

Square

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



29.4818, 0.3626, 0.3439



29.4818, 0.3213, 0.3717



29.4818, 0.2653, 0.3108



29.4818, 0.3026, 0.2903

Rectangle

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



29.4818, 0.3626, 0.3439



29.4818, 0.3513, 0.3710



29.4818, 0.2653, 0.3108



29.4818, 0.2747, 0.2879

Sweetspot

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



29.4832, 0.3626, 0.3439



68.4242, 0.3260, 0.3335



27.7973, 0.3259, 0.2790



14.8863, 0.3287, 0.3343



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.



29.4832, 0.3626, 0.3439



48.3531, 0.3774, 0.3475



36.6509, 0.3549, 0.3752



8.2941, 0.3281, 0.3341



7.6441, 0.6108, 0.3532



0.2926, 0.5545, 0.3979

Inverse Universe

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



34.7364, 0.2743, 0.3135



59.3939, 0.2661, 0.3096



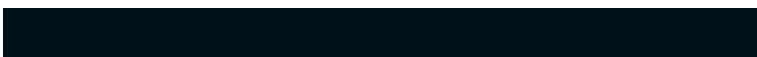
27.4027, 0.2711, 0.2780



8.7647, 0.2986, 0.3238



14.9206, 0.2047, 0.2568



0.4890, 0.2114, 0.2811

Previews

White Background



This preview shows how the Yxy color 29.4818, 0.3626, 0.3439 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 29.4818, 0.3626, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

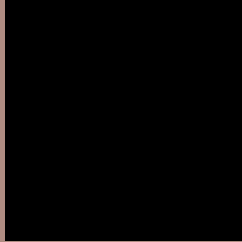
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.4818, 0.3626, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 29.4818, 0.3626, 0.3439.



This preview shows how white text looks on a background with the Yxy color 29.4818, 0.3626, 0.3439.

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

29.4818, 0.3626, 0.3439

Protanopia

29.4587, 0.3330, 0.3495

Deuteranopia

29.3660, 0.3562, 0.3487



Tritanopia

29.3766, 0.3457, 0.3133

Trichromacy



Original Color

29.4818, 0.3626, 0.3439

Protanomaly

29.3214, 0.3435, 0.3460

Deuteranomaly

29.2927, 0.3588, 0.3471

Tritanomaly

29.3302, 0.3521, 0.3248

Monochromacy



Original Color

29.4818, 0.3626, 0.3439

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.7799, 0.3294, 0.3352

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.4818, 0.3626, 0.3439 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(175, 140, 130)` looks like.

```
.text, #text, p{  
    color:rgb(175, 140, 130)  
}
```

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(175, 140, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 140, 130) }
```

Border

The CSS property to change the border of an element to Yxy 29.4818, 0.3626, 0.3439 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(175, 140, 130) }
```

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

```
.border{ border-color:rgb(175, 140, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 140, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(175, 140, 130); -webkit-box-shadow:4px 4px 4px 4px rgb(175, 140, 130); box-shadow:4px 4px 4px 4px rgb(175, 140, 130) }
```


Background

The CSS property to change the background color of an element to Yxy 29.4818, 0.3626, 0.3439 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 140, 130) }
```

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

```
.background{ background-color: rgb(175,  
140, 130) }
```

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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