

Converting Colors

$Yxy(28.9026, 0.3633, 0.3409)$

Have a look what the booklet for
Yxy(28.9026, 0.3633, 0.3409)
contains.

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Color

Yxy(28.9026, 0.3633, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	AF8A82
RGB	175, 138, 130
RGB Percent	69%, 54%, 51%
CMY	0.3136, 0.4589, 0.4901
CMYK	0.00, 0.21, 0.26, 0.31
HSL	11°, 22%, 60%
HSV	11°, 26%, 69%
XYZ	30.8017, 28.9026, 25.0789
YIQ	148.1510, 24.6200, 5.3560

Conversions

Conversions Part 2

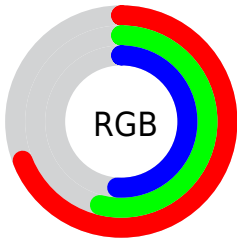
Format	Color
R_{YB}	175, 140, 130
Decimal	11504258
CIE _{Lab}	60.70, 12.85, 9.64
CIE _{LCh}	61, 16.065, 36.859
Yxy	28.9026, 0.3633, 0.3409
Android (android.graphics.Color)	4289694338 (0xFFAF8A82)
YUV	148.1510, -8.9484, 23.5466
Hunter-Lab	53.7611, 8.1873, 9.9748

Details

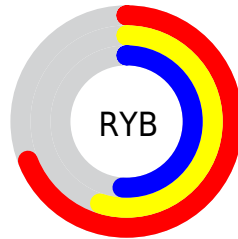
The Yxy color $28.9026, 0.3633, 0.3409$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.4972, 0.2746, 0.3167$, and the grayscale version is $29.7126, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.1071, 0.3523, 0.3392$, and $11.7111, 0.3816, 0.3437$ is the 20% darker color. If you saturate the color by 10%, you get $24.6117, 0.3905, 0.3458$, and if you desaturate by 10%, it is $33.8239, 0.3406, 0.3361$.

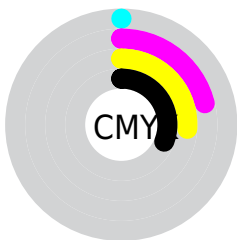
Distribution



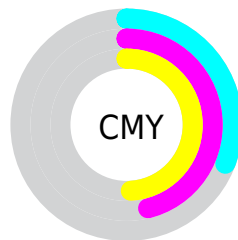
- Red (69%)
- Green (54%)
- Blue (51%)



- Red (69%)
- Yellow (55%)
- Blue (51%)



- Cyan (0%)
- Magenta (21%)
- Yellow (26%)
- Black (31%)





- Cyan (31%)
- Magenta (46%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9026, 0.3633, 0.3409 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 28.9026, 0.3633, 0.3409 by changing the saturation by 10% instead.


 28.9026, 0.3633,
0.3409


 28.9026, 0.3633,
0.3409


296.7551, 0.3358,
0.3350

 19.0072, 0.3710,
0.3423


 57.9223, 0.3527,
0.3388

 11.6754, 0.3814,
0.3441


 77.8153, 0.3489,
0.3380

 6.5231, 0.3964,
0.3464


 101.8097, 0.3458,
0.3373

 3.1657, 0.4194,
0.3491

130.2898, 0.3431,
0.3367

 1.2188, 0.4646,
0.3558

163.6400, 0.3409,
0.3362

 0.0770, 0.8340,
0.1660

202.2447, 0.3390,

 0.0000, 0.0000,

0.3357

0.0000

246.4882, 0.3373,
0.3353

■ 28.9026, 0.3633,
0.3409

■ 28.9026, 0.3633,
0.3409

■ 24.6117, 0.3905,
0.3458

■ 33.8239, 0.3406,
0.3361

■ 20.9219, 0.4228,
0.3505

■ 39.3957, 0.3219,
0.3315

■ 17.8072, 0.4600,
0.3543


■ 45.6419, 0.3065,
0.3272

■ 15.2384, 0.5008,
0.3567


■ 52.5842, 0.2937,
0.3233

■ 13.1834, 0.5426,
0.3566


■ 60.2432, 0.2830,
0.3198


 11.6070, 0.5808,
0.3535


 68.6387, 0.2742,
0.3166

 10.4686, 0.6105,
0.3475

 77.7898, 0.2667,
0.3137

 10.0983, 0.6211,
0.3451

 86.7081, 0.2674,
0.3269

 87.8569, 0.2676,
0.3289

Harmonies

Analogous

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



28.9026, 0.3490, 0.3188



28.9026, 0.3633, 0.3409



28.9026, 0.3633, 0.3611

Triad

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



28.9026, 0.3633, 0.3409



28.9026, 0.2993, 0.3612



28.9026, 0.2764, 0.2858

Complementary

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



28.9026, 0.3633, 0.3409



35.4972, 0.2746, 0.3167

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.



28.9026, 0.2644, 0.2947



28.9026, 0.3633, 0.3409



28.9026, 0.2772, 0.3383

Square

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



28.9026, 0.3633, 0.3409



28.9026, 0.3256, 0.3744



28.9026, 0.2647, 0.3136



28.9026, 0.2982, 0.2878

Rectangle

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



28.9026, 0.3633, 0.3409



28.9026, 0.3553, 0.3708



28.9026, 0.2647, 0.3136



28.9026, 0.2711, 0.2875

Sweetspot

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



28.9039, 0.3633, 0.3409



68.0093, 0.3261, 0.3326



27.8952, 0.3235, 0.2760



14.7790, 0.3288, 0.3332



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.



28.9039, 0.3633, 0.3409



47.1444, 0.3786, 0.3438



35.8779, 0.3557, 0.3721



8.2364, 0.3282, 0.3331



7.2957, 0.6194, 0.3464



0.2699, 0.5683, 0.3870

Inverse Universe

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



35.4972, 0.2746, 0.3167



61.0061, 0.2665, 0.3136



28.0992, 0.2715, 0.2817



8.8269, 0.2986, 0.3249



16.5765, 0.2090, 0.2723



0.5234, 0.2142, 0.2912

Previews

White Background



This preview shows how the Yxy color 28.9026, 0.3633, 0.3409 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 28.9026, 0.3633, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

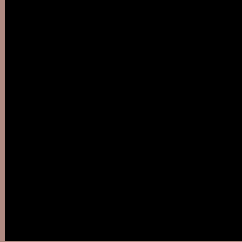
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9026, 0.3633, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 28.9026, 0.3633, 0.3409.



This preview shows how white text looks on a background with the Yxy color 28.9026, 0.3633, 0.3409.

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

28.9026, 0.3633, 0.3409

Protanopia

28.9544, 0.3310, 0.3481

Deuteranopia

28.8502, 0.3542, 0.3473



Tritanopia

29.0308, 0.3482, 0.3147

Trichromacy



Original Color

28.9026, 0.3633, 0.3409

Protanomaly

28.8120, 0.3415, 0.3446

Deuteranomaly

28.8872, 0.3580, 0.3457

Tritanomaly

29.0149, 0.3535, 0.3247

Monochromacy



Original Color

28.9026, 0.3633, 0.3409

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.1387, 0.3307, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9026, 0.3633, 0.3409 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, 138, 130)` looks like.

```
.text, #text, p{  
    color:rgb(175, 138, 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, 138, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 138, 130) }
```

Border

The CSS property to change the border of an element to Yxy 28.9026, 0.3633, 0.3409 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, 138, 130) }
```

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

```
.border{ border-color:rgb(175, 138, 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, 138, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 138, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 138, 130);  
box-shadow:4px 4px 4px 4px rgb(175, 138,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9026, 0.3633, 0.3409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 138, 130) }
```

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

```
.background{ background-color: rgb(175,  
138, 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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