

Converting Colors

$Y_{xy}(29.8572, 0.3589, 0.3409)$

Have a look what the booklet for
Yxy(29.8572, 0.3589, 0.3409)
contains.

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Color

Yxy(29.8572, 0.3589, 0.3409)

Conversions

Conversions Part 1

Format	Color
Hex	AF8D85
RGB	175, 141, 133
RGB Percent	69%, 55%, 52%
CMY	0.3138, 0.4470, 0.4785
CMYK	0.00, 0.19, 0.24, 0.31
HSL	11°, 21%, 60%
HSV	11°, 24%, 69%
XYZ	31.4337, 29.8572, 26.2926
YIQ	150.2540, 22.8320, 4.7200

Conversions

Conversions Part 2

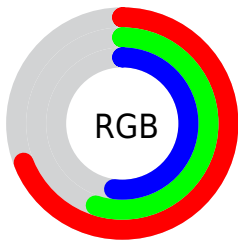
Format	Color
R_{YB}	175, 143, 133
Decimal	11505029
CIE _{Lab}	61.53, 11.59, 9.13
CIE _{LCh}	62, 14.752, 38.238
Yxy	29.8572, 0.3589, 0.3409
Android (android.graphics.Color)	4289695109 (0xFFAF8D85)
YUV	150.2540, -8.5062, 21.7022
Hunter-Lab	54.6417, 7.0625, 9.7200

Details

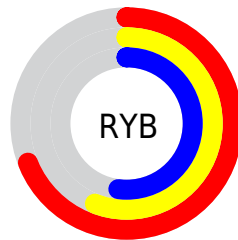
The Yxy color $29.8572, 0.3589, 0.3409$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $35.7015, 0.2770, 0.3167$, and the grayscale version is $30.6421, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5643, 0.3492, 0.3392$, and $12.2598, 0.3747, 0.3436$ is the 20% darker color. If you saturate the color by 10%, you get $25.5032, 0.3851, 0.3462$, and if you desaturate by 10%, it is $34.8280, 0.3371, 0.3357$.

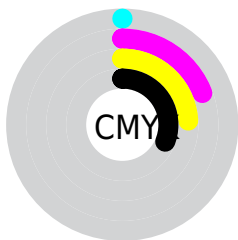
Distribution



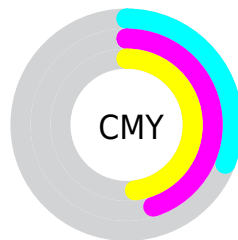
- Red (69%)
- Green (55%)
- Blue (52%)



- Red (69%)
- Yellow (56%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (24%)
- Black (31%)




- Cyan (31%)
- Magenta (45%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.8572, 0.3589, 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 29.8572, 0.3589, 0.3409 by changing the saturation by 10% instead.


 29.8572, 0.3589,
0.3409


 29.8572, 0.3589,
0.3409


301.2383, 0.3339,
0.3349


 19.7302, 0.3658,
0.3424


 59.4363, 0.3493,
0.3387

 12.1991, 0.3752,
0.3442


 79.6572, 0.3459,
0.3379

 6.8794, 0.3886,
0.3466


 104.0115, 0.3430,
0.3372

 3.3868, 0.4090,
0.3497

132.8836, 0.3406,
0.3366

 1.3369, 0.4459,
0.3547

166.6580, 0.3386,
0.3361

 0.1695, 0.7237,
0.2763

205.7189, 0.3368,

 0.0000, 0.0000,

0.3357

0.0000

250.4509, 0.3353,
0.3353

■ 29.8572, 0.3589,
0.3409

■ 29.8572, 0.3589,
0.3409

■ 25.5032, 0.3851,
0.3462

■ 34.8280, 0.3371,
0.3357

■ 21.7378, 0.4161,
0.3513

■ 40.4343, 0.3190,
0.3309

■ 18.5369, 0.4520,
0.3557


■ 46.6989, 0.3041,
0.3263

■ 15.8728, 0.4919,
0.3586


■ 53.6423, 0.2917,
0.3222

■ 13.7156, 0.5333,
0.3592


■ 61.2842, 0.2814,
0.3184

 12.0323, 0.5721,
0.3566


 69.6434, 0.2727,
0.3150

 10.7858, 0.6035,
0.3508

 78.7074, 0.2656,
0.3125

 10.2237, 0.6187,
0.3470

 87.3732, 0.2675,
0.3281

 87.8516, 0.2676,
0.3289

Harmonies

Analogous

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



29.8572, 0.3465, 0.3207



29.8572, 0.3589, 0.3409



29.8572, 0.3583, 0.3591

Triad

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



29.8572, 0.3589, 0.3409



29.8572, 0.2995, 0.3573



29.8572, 0.2804, 0.2895

Complementary

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



29.8572, 0.3589, 0.3409



35.7015, 0.2770, 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.



29.8572, 0.2689, 0.2973



29.8572, 0.3589, 0.3409



29.8572, 0.2796, 0.3364

Square

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



29.8572, 0.3589, 0.3409



29.8572, 0.3235, 0.3698



29.8572, 0.2687, 0.3142



29.8572, 0.3006, 0.2917

Rectangle

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



29.8572, 0.3589, 0.3409



29.8572, 0.3507, 0.3675



29.8572, 0.2687, 0.3142



29.8572, 0.2754, 0.2910

Sweetspot

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



29.8586, 0.3589, 0.3409



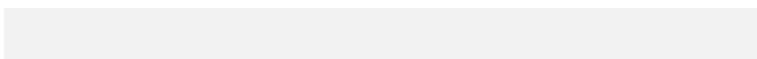
69.1724, 0.3243, 0.3323



28.6844, 0.3234, 0.2806



15.2427, 0.3253, 0.3326



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.



29.8586, 0.3589, 0.3409



49.0612, 0.3727, 0.3438



36.5340, 0.3523, 0.3701



8.2539, 0.3282, 0.3334



7.3933, 0.6169, 0.3483



0.2768, 0.5640, 0.3904

Inverse Universe

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



35.7015, 0.2770, 0.3167



61.4168, 0.2692, 0.3136



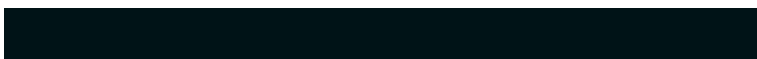
28.7264, 0.2743, 0.2842



8.8080, 0.2986, 0.3246



16.0624, 0.2077, 0.2676



0.5128, 0.2134, 0.2882

Previews

White Background



This preview shows how the Yxy color 29.8572, 0.3589, 0.3409 looks on a white background.

Color Contrast Check

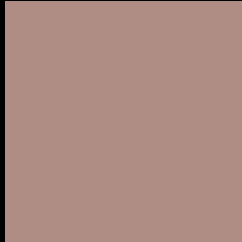
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8572, 0.3589, 0.3409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

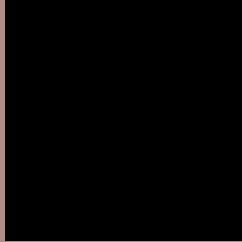
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8572, 0.3589, 0.3409

Background



This preview shows how black text looks on a background with the Yxy color 29.8572, 0.3589, 0.3409.



This preview shows how white text looks on a background with the Yxy color 29.8572, 0.3589, 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

29.8572, 0.3589, 0.3409

Protanopia

29.8560, 0.3298, 0.3463

Deuteranopia

29.7734, 0.3516, 0.3441



Tritanopia

29.9823, 0.3442, 0.3147

Trichromacy



Original Color

29.8572, 0.3589, 0.3409

Protanomaly

29.7098, 0.3401, 0.3429

Deuteranomaly

29.6974, 0.3541, 0.3425

Tritanomaly

29.9694, 0.3494, 0.3248

Monochromacy



Original Color

29.8572, 0.3589, 0.3409

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2520, 0.3283, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8572, 0.3589, 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, 141, 133)` looks like.

```
.text, #text, p{  
    color:rgb(175, 141, 133)  
}
```

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, 141, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 141, 133) }
```

Border

The CSS property to change the border of an element to Yxy 29.8572, 0.3589, 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, 141, 133) }
```

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

```
.border{ border-color:rgb(175, 141, 133) }
```

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

Here you see how a box with a 4 pixel rgb(175, 141, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 141, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 141, 133);  
box-shadow:4px 4px 4px 4px rgb(175, 141,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8572, 0.3589, 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, 141, 133) }
```

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

```
.background{ background-color: rgb(175,  
141, 133) }
```

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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