

Converting Colors

$Y_{xy}(27.7329, 0.3438, 0.3088)$

Have a look what the booklet for
Yxy(27.7329, 0.3438, 0.3088)
contains.

Yxy(27.7659, 0.3432, 0.3085)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(27.7659, 0.3432, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	AD8593
RGB	173, 133, 147
RGB Percent	68%, 52%, 58%
CMY	0.3216, 0.4784, 0.4234
CMYK	0.00, 0.23, 0.15, 0.32
HSL	339°, 20%, 60%
HSV	339°, 23%, 68%
XYZ	30.8890, 27.7659, 31.3480
YIQ	146.5560, 19.3460, 12.8340

Conversions

Conversions Part 2

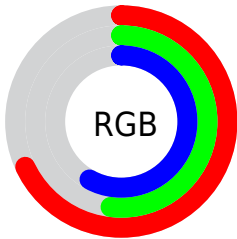
Format	Color
R _Y B	173, 133, 147
Decimal	11371923
CIE Lab	59.68, 17.57, -1.59
CIE LCh	60, 17.641, 354.843
Yxy	27.7659, 0.3432, 0.3085
Android (android.graphics.Color)	4289562003 (0xFFAD8593)
YUV	146.5560, 0.2189, 23.1914
Hunter-Lab	52.6934, 12.4238, 1.6129

Details

The Yxy color **27.7659, 0.3432, 0.3085** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **37.3749, 0.2895, 0.3505**, and the grayscale version is **28.9791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.9929, 0.3370, 0.3123**, and **11.0427, 0.3532, 0.3001** is the 20% darker color. If you saturate the color by 10%, you get **23.0781, 0.3613, 0.2991**, and if you desaturate by 10%, it is **33.2708, 0.3283, 0.3177**.

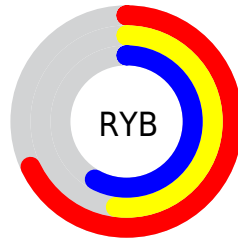
Distribution



Red (68%)

Green (52%)

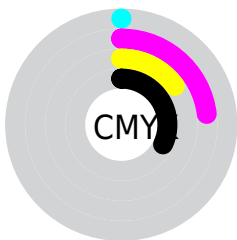
Blue (58%)



Red (68%)

Yellow (52%)

Blue (58%)

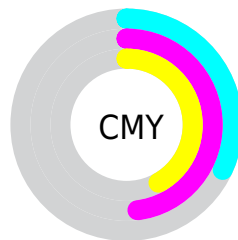


Cyan (0%)

Magenta (23%)

Yellow (15%)

Black (32%)



Cyan (32%)


Magenta (48%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.7659, 0.3432, 0.3085 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 27.7659, 0.3432, 0.3085 by changing the saturation by 10% instead.


 27.7659, 0.3432,
0.3085


 27.7659, 0.3432,
0.3085


291.3466, 0.3267,
0.3195


 18.1493, 0.3478,
0.3054


 56.1105, 0.3369,
0.3127

 11.0572, 0.3540,
0.3013


 75.6072, 0.3346,
0.3142

 6.1053, 0.3630,
0.2955


 99.1661, 0.3327,
0.3155

 2.9092, 0.3767,
0.2865

127.1715, 0.3311,
0.3166

 1.0845, 0.4009,
0.2711

160.0079, 0.3298,
0.3175

 0.0000, 0.8460,
0.0000

198.0596, 0.3286,

 0.0000, 0.0000,

0.3183

0.0000

241.7110, 0.3276,
0.3189

■ 27.7659, 0.3432,
0.3085

■ 27.7659, 0.3432,
0.3085

■ 23.0781, 0.3613,
0.2991

■ 33.2708, 0.3283,
0.3177

■ 19.1645, 0.3829,
0.2899

■ 39.6255, 0.3161,
0.3264

■ 15.9840, 0.4085,
0.2816

■ 46.8655, 0.3060,
0.3345

■ 13.4900, 0.4378,
0.2752

■ 55.0232, 0.2978,
0.3420

■ 11.6307, 0.4699,
0.2718

■ 64.1294, 0.2911,
0.3489

■ 10.3466, 0.5034,
0.2725

■ 74.2133, 0.2855,
0.3552

■ 9.5670, 0.5355,
0.2781

■ 85.3029, 0.2809,
0.3609

■ 9.2175, 0.5562,
0.2838

■ 86.5114, 0.2754,
0.3490

■ 87.1882, 0.2699,
0.3364

Harmonies

Analogous

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



27.7659, 0.3141, 0.2902



27.7659, 0.3432, 0.3085



27.7659, 0.3645, 0.3321

Triad

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



27.7659, 0.3432, 0.3085



27.7659, 0.3383, 0.3813



27.7659, 0.2576, 0.2980

Complementary

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



27.7659, 0.3432, 0.3085



37.3749, 0.2895, 0.3505

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.



27.7659, 0.2634, 0.3223



27.7659, 0.3432, 0.3085



27.7659, 0.3092, 0.3726

Square

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



27.7659, 0.3432, 0.3085



27.7659, 0.3612, 0.3745



27.7659, 0.2820, 0.3503



27.7659, 0.2656, 0.2835

Rectangle

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



27.7659, 0.3432, 0.3085



27.7659, 0.3707, 0.3484



27.7659, 0.2820, 0.3503



27.7659, 0.2580, 0.3052

Sweetspot

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



27.7672, 0.3432, 0.3085



66.2266, 0.3207, 0.3230



27.0955, 0.2999, 0.2700



14.2514, 0.3213, 0.3225



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.



27.7672, 0.3432, 0.3085



45.0443, 0.3525, 0.3035



28.8506, 0.3575, 0.3370



8.0600, 0.3233, 0.3211



6.7818, 0.5534, 0.2822



0.1992, 0.4694, 0.2360

Inverse Universe

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



27.7672, 0.3432, 0.3085



45.0443, 0.3525, 0.3035



35.8853, 0.2785, 0.3208



8.0600, 0.3233, 0.3211



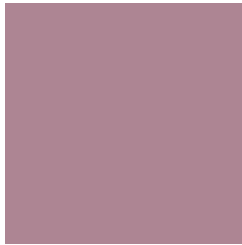
6.7818, 0.5534, 0.2822



0.1992, 0.4694, 0.2360

Previews

White Background



This preview shows how the Yxy color 27.7659, 0.3432, 0.3085 looks on a white background.

Color Contrast Check

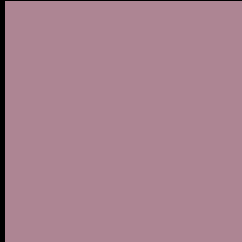
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.7659, 0.3432, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

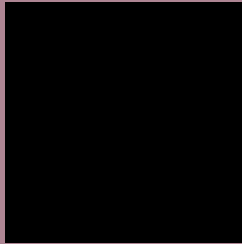
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.7659, 0.3432, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 27.7659, 0.3432, 0.3085.



This preview shows how white text looks on a background with the Yxy color 27.7659, 0.3432, 0.3085.

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

27.7659, 0.3432, 0.3085

Protanopia

27.8741, 0.3041, 0.3131

Deuteranopia

27.7087, 0.3253, 0.3182



Tritanopia

27.9480, 0.3464, 0.3144

Trichromacy



Original Color

27.7659, 0.3432, 0.3085

Protanomaly

27.6682, 0.3179, 0.3104

Deuteranomaly

27.7532, 0.3322, 0.3154

Tritanomaly

27.9788, 0.3453, 0.3129

Monochromacy



Original Color

27.7659, 0.3432, 0.3085

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

28.5205, 0.3227, 0.3213

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.7659, 0.3432, 0.3085 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, 133, 147)` looks like.

```
.text, #text, p{  
    color:rgb(173, 133, 147)  
}
```

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, 133, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 133, 147) }
```

Border

The CSS property to change the border of an element to Yxy 27.7659, 0.3432, 0.3085 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, 133, 147) }
```

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

```
.border{ border-color:rgb(173, 133, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 133, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 133, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 133, 147);  
box-shadow:4px 4px 4px 4px rgb(173, 133,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 27.7659, 0.3432, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 133, 147) }
```

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

```
.background{ background-color: rgb(173,  
133, 147) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor