

Converting Colors

$Y_{xy}(27.0323, 0.3354, 0.2962)$

Have a look what the booklet for
Yxy(27.0323, 0.3354, 0.2962)
contains.

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Color

Yxy(26.9231, 0.3348, 0.2953)

Conversions

Conversions Part 1

Format	Color
Hex	AB8299
RGB	171, 130, 153
RGB Percent	67%, 51%, 60%
CMY	0.3295, 0.4902, 0.4000
CMYK	0.00, 0.24, 0.11, 0.33
HSL	326°, 20%, 59%
HSV	326°, 24%, 67%
XYZ	30.5244, 26.9231, 33.7245
YIQ	144.8810, 17.0530, 15.8450

Conversions

Conversions Part 2

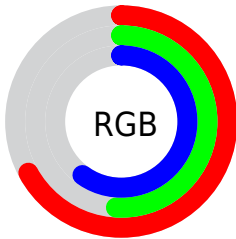
Format	Color
RYB	171, 130, 153
Decimal	11240089
CIELab	58.90, 19.55, -6.18
CIELCh	59, 20.499, 342.466
Yxy	26.9231, 0.3348, 0.2953
Android (android.graphics.Color)	4289430169 (0xFFAB8299)
YUV	144.8810, 4.0027, 22.9064
Hunter-Lab	51.8875, 14.2050, -2.2146

Details

The Yxy color $26.9231, 0.3348, 0.2953$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $36.0048, 0.2954, 0.3654$, and the grayscale version is $28.2431, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7029, 0.3308, 0.3022$, and $10.5482, 0.3422, 0.2834$ is the 20% darker color. If you saturate the color by 10%, you get $22.5066, 0.3470, 0.2806$, and if you desaturate by 10%, it is $32.1135, 0.3244, 0.3098$.

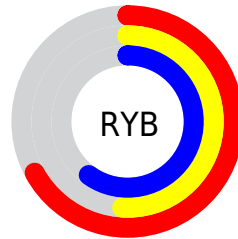
Distribution



Red (67%)

Green (51%)

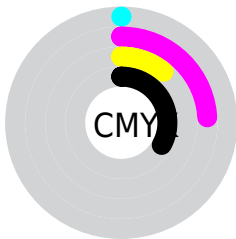
Blue (60%)



Red (67%)

Yellow (51%)

Blue (60%)

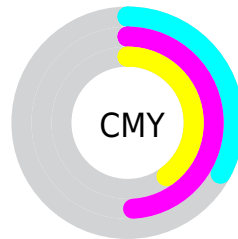


Cyan (0%)

Magenta (24%)

Yellow (11%)

Black (33%)



Cyan (33%)


Magenta (49%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9231, 0.3348, 0.2953 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 26.9231, 0.3348, 0.2953 by changing the saturation by 10% instead.


 26.9231, 0.3348,
0.2953


 26.9231, 0.3348,
0.2953


287.2846, 0.3230,
0.3132


 17.5155, 0.3380,
0.2904


 54.7604, 0.3303,
0.3021

 10.6027, 0.3424,
0.2839


 73.9590, 0.3287,
0.3046

 5.8004, 0.3486,
0.2748


 97.1899, 0.3273,
0.3066

 2.7241, 0.3579,
0.2610

124.8376, 0.3262,
0.3084

 0.9894, 0.3739,
0.2381

157.2866, 0.3252,
0.3098

 0.0000, 0.5470,
0.0000

194.9211, 0.3244,

 0.0000, 0.0000,

0.3111

0.0000

238.1257, 0.3236,
0.3123

■ 26.9231, 0.3348,
0.2953

■ 26.9231, 0.3348,
0.2953

■ 22.5066, 0.3470,
0.2806

■ 32.1135, 0.3244,
0.3098

■ 18.8227, 0.3613,
0.2663

■ 38.1092, 0.3157,
0.3237

■ 15.8320, 0.3777,
0.2531

■ 44.9442, 0.3085,
0.3368

■ 13.4895, 0.3960,
0.2421

■ 52.6495, 0.3025,
0.3490

■ 11.7452, 0.4157,
0.2344

■ 61.2546, 0.2975,
0.3603

■ 10.5416, 0.4363,
0.2312

■ 70.7875, 0.2933,
0.3707

■ 9.8094, 0.4568,
0.2331

■ 81.2751, 0.2899,
0.3802

■ 9.4996, 0.4691,
0.2358

■ 84.9824, 0.2863,
0.3768

■ 85.3725, 0.2825,
0.3679

Harmonies

Analogous

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



26.9231, 0.2998, 0.2781



26.9231, 0.3348, 0.2953



26.9231, 0.3650, 0.3206

Triad

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



26.9231, 0.3348, 0.2953



26.9231, 0.3550, 0.3893



26.9231, 0.2494, 0.3030

Complementary

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



26.9231, 0.3348, 0.2953



36.0048, 0.2954, 0.3654

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.



26.9231, 0.2624, 0.3346



26.9231, 0.3348, 0.2953



26.9231, 0.3227, 0.3872

Square

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



26.9231, 0.3348, 0.2953



26.9231, 0.3766, 0.3743



26.9231, 0.2889, 0.3666



26.9231, 0.2520, 0.2810

Rectangle

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



26.9231, 0.3348, 0.2953



26.9231, 0.3774, 0.3395



26.9231, 0.2889, 0.3666



26.9231, 0.2520, 0.3128

Sweetspot

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



26.9243, 0.3348, 0.2953



64.7110, 0.3183, 0.3194



25.1820, 0.2907, 0.2661



14.2913, 0.3188, 0.3186



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.



26.9243, 0.3348, 0.2953



43.6716, 0.3414, 0.2871



26.3107, 0.3581, 0.3250



8.0878, 0.3202, 0.3163



7.1734, 0.4673, 0.2348



0.2103, 0.4120, 0.2043

Inverse Universe

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



26.9243, 0.3348, 0.2953



43.6716, 0.3414, 0.2871



36.7035, 0.2801, 0.3331



8.0878, 0.3202, 0.3163



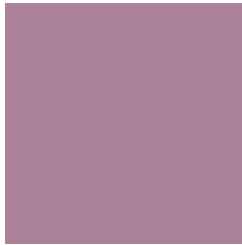
7.1734, 0.4673, 0.2348



0.2103, 0.4120, 0.2043

Previews

White Background



This preview shows how the Yxy color 26.9231, 0.3348, 0.2953 looks on a white background.

Color Contrast Check

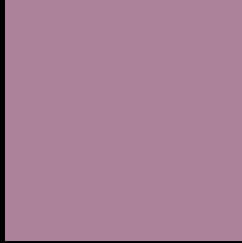
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9231, 0.3348, 0.2953 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

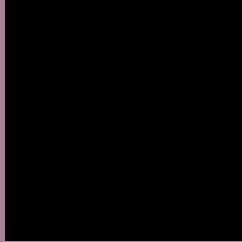
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9231, 0.3348, 0.2953

Background



This preview shows how black text looks on a background with the Yxy color 26.9231, 0.3348, 0.2953.



This preview shows how white text looks on a background with the Yxy color 26.9231, 0.3348, 0.2953.

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

26.9231, 0.3348, 0.2953

Protanopia

27.0768, 0.2924, 0.2986

Deuteranopia

27.0233, 0.3127, 0.3070



Tritanopia

27.0016, 0.3457, 0.3142

Trichromacy



Original Color

26.9231, 0.3348, 0.2953

Protanomaly

26.9050, 0.3077, 0.2979

Deuteranomaly

26.8640, 0.3206, 0.3029

Tritanomaly

26.8540, 0.3414, 0.3068

Monochromacy



Original Color

26.9231, 0.3348, 0.2953

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7643, 0.3198, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9231, 0.3348, 0.2953 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(171, 130, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 130, 153)  
}
```

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(171, 130, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 130, 153) }
```

Border

The CSS property to change the border of an element to Yxy 26.9231, 0.3348, 0.2953 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(171, 130, 153) }
```

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

```
.border{ border-color:rgb(171, 130, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 130, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 130, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 130, 153);  
box-shadow:4px 4px 4px 4px rgb(171, 130,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9231, 0.3348, 0.2953 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 130, 153) }
```

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

```
.background{ background-color: rgb(171,  
130, 153) }
```

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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