

Converting Colors

$Y_{xy}(30.8940, 0.2873, 0.2593)$

Have a look what the booklet for
Yxy(30.8940, 0.2873, 0.2593)
contains.

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Color

Yxy(30.9383, 0.2875, 0.2594)

Conversions

Conversions Part 1

Format	Color
Hex	A38EC0
RGB	163, 142, 192
RGB Percent	64%, 56%, 75%
CMY	0.3609, 0.4431, 0.2470
CMYK	0.15, 0.26, 0.00, 0.25
HSL	265°, 28%, 65%
HSV	265°, 26%, 75%
XYZ	34.2898, 30.9383, 54.0406
YIQ	153.9790, -3.5340, 20.0020

Conversions

Conversions Part 2

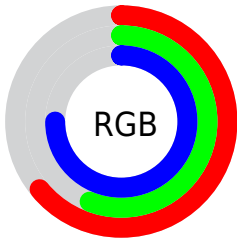
Format	Color
R _Y B	163, 142, 192
Decimal	10718912
CIE Lab	62.46, 17.77, -23.08
CIE LCh	62, 29.130, 307.594
Yxy	30.9383, 0.2875, 0.2594
Android (android.graphics.Color)	4288908992 (0xFFA38EC0)
YUV	153.9790, 18.7444, 7.9114
Hunter-Lab	55.6222, 12.7021, -18.6686

Details

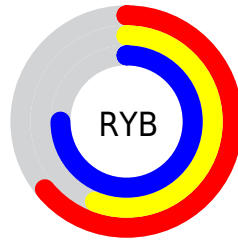
The Yxy color **30.9383, 0.2875, 0.2594** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **48.3206, 0.3333, 0.3972**, and the grayscale version is **32.2226, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.2248, 0.2923, 0.2722**, and **12.8688, 0.2794, 0.2402** is the 20% darker color. If you saturate the color by 10%, you get **24.5840, 0.2753, 0.2294**, and if you desaturate by 10%, it is **38.3831, 0.2983, 0.2878**.

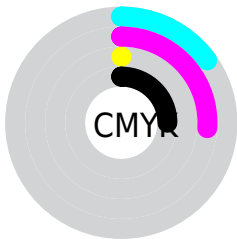
Distribution



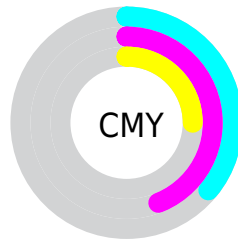
- Red (64%)
- Green (56%)
- Blue (75%)



- Red (64%)
- Yellow (56%)
- Blue (75%)



- Cyan (15%)
- Magenta (26%)
- Yellow (0%)
- Black (25%)




- Cyan (36%)
- Magenta (44%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9383, 0.2875, 0.2594 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 30.9383, 0.2875, 0.2594 by changing the saturation by 10% instead.


 30.9383, 0.2875,
0.2594


 30.9383, 0.2875,
0.2594


306.2540, 0.3013,
0.2948

 20.5519, 0.2837,
0.2504


 61.1429, 0.2928,
0.2724

 12.7968, 0.2785,
0.2388


 81.7299, 0.2947,
0.2772

 7.2888, 0.2712,
0.2233


 106.4858, 0.2963,
0.2813

 3.6434, 0.2602,
0.2017

135.7952, 0.2976,
0.2848

 1.4761, 0.2422,
0.1698

170.0422, 0.2988,
0.2878

 0.2718, 0.2152,
0.0845

209.6115, 0.2997,

 0.0000, 0.0000,

0.2905

0.0000

254.8872, 0.3006,
0.2928

■ 30.9383, 0.2875,
0.2594

■ 30.9383, 0.2875,
0.2594

■ 24.5840, 0.2753,
0.2294

■ 38.3831, 0.2983,
0.2878

■ 19.2632, 0.2617,
0.1988

■ 46.9640, 0.3077,
0.3142

■ 14.9195, 0.2473,
0.1688

■ 56.7285, 0.3157,
0.3382

■ 11.4894, 0.2323,
0.1409

■ 67.7204, 0.3225,
0.3599

■ 8.9014, 0.2176,
0.1168

■ 79.9810, 0.3283,
0.3793

7.0731, 0.2039,
0.0979

92.1275, 0.3334,
0.3945

5.9002, 0.1918,
0.0848

94.0299, 0.3408,
0.3929

5.5353, 0.1874,
0.0806

96.0523, 0.3483,
0.3913

96.5863, 0.3502,
0.3909

Harmonies

Analogous

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



30.9383, 0.2503, 0.2545



30.9383, 0.2875, 0.2594



30.9383, 0.3345, 0.2797

Triad

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



30.9383, 0.2875, 0.2594



30.9383, 0.4018, 0.3836



30.9383, 0.2498, 0.3434

Complementary

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



30.9383, 0.2875, 0.2594



48.3206, 0.3333, 0.3972

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.



30.9383, 0.2869, 0.3871



30.9383, 0.2875, 0.2594



30.9383, 0.3751, 0.4085

Square

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



30.9383, 0.2875, 0.2594



30.9383, 0.4034, 0.3482



30.9383, 0.3327, 0.4116



30.9383, 0.2298, 0.2989

Rectangle

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



30.9383, 0.2875, 0.2594



30.9383, 0.3650, 0.2997



30.9383, 0.3327, 0.4116



30.9383, 0.2605, 0.3590

Sweetspot

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



30.9396, 0.2875, 0.2594



81.6662, 0.3059, 0.3089



38.7510, 0.2723, 0.2992



16.9987, 0.3045, 0.3049



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.9396, 0.2875, 0.2594



49.5335, 0.2810, 0.2432



33.8268, 0.3116, 0.2642



9.9498, 0.3047, 0.3057



3.7677, 0.1887, 0.0813



0.2032, 0.2147, 0.0957

Inverse Universe

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



33.4986, 0.3364, 0.2907



55.0059, 0.3429, 0.2823



45.7853, 0.3126, 0.4018



10.1737, 0.3200, 0.3157



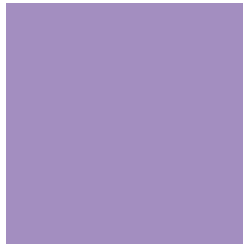
8.3358, 0.4602, 0.2309



0.3737, 0.4211, 0.2093

Previews

White Background



This preview shows how the Yxy color 30.9383, 0.2875, 0.2594 looks on a white background.

Color Contrast Check

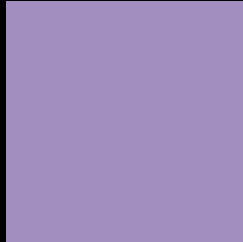
Large Text (above 18pt) WCAG AA × Fail

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 30.9383, 0.2875, 0.2594 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

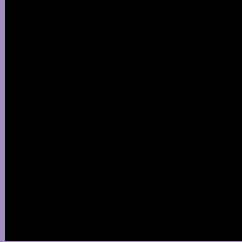
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9383, 0.2875, 0.2594

Background



This preview shows how black text looks on a background with the Yxy color 30.9383, 0.2875, 0.2594.



This preview shows how white text looks on a background with the Yxy color 30.9383, 0.2875, 0.2594.

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

30.9383, 0.2875, 0.2594

Protanopia

30.9294, 0.2622, 0.2591

Deuteranopia

30.9611, 0.2725, 0.2664



Tritanopia

30.9870, 0.3115, 0.3110

Trichromacy



Original Color

30.9383, 0.2875, 0.2594

Protanomaly

30.7009, 0.2709, 0.2586

Deuteranomaly

30.9948, 0.2785, 0.2645

Tritanomaly

31.0099, 0.3024, 0.2910

Monochromacy



Original Color

30.9383, 0.2875, 0.2594

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

31.8079, 0.3031, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9383, 0.2875, 0.2594 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(163, 142, 192)` looks like.

```
.text, #text, p{  
    color:rgb(163, 142, 192)  
}
```

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(163, 142, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 142, 192) }
```

Border

The CSS property to change the border of an element to Yxy 30.9383, 0.2875, 0.2594 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(163, 142, 192) }
```

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

```
.border{ border-color:rgb(163, 142, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 142, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 142, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 142, 192);  
box-shadow:4px 4px 4px 4px rgb(163, 142,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9383, 0.2875, 0.2594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 142, 192) }
```

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

```
.background{ background-color: rgb(163,  
142, 192) }
```

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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