

Converting Colors

$Y_{xy}(30.8057, 0.2593, 0.2295)$

Have a look what the booklet for
Yxy(30.8057, 0.2593, 0.2295)
contains.

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Color

Yxy(30.9277, 0.2599, 0.2304)

Conversions

Conversions Part 1

Format	Color
Hex	988ED7
RGB	152, 142, 215
RGB Percent	60%, 56%, 84%
CMY	0.4039, 0.4431, 0.1569
CMYK	0.29, 0.34, 0.00, 0.16
HSL	248°, 48%, 70%
HSV	248°, 34%, 84%
XYZ	34.8876, 30.9277, 68.4195
YIQ	153.3120, -17.4730, 24.8230

Conversions

Conversions Part 2

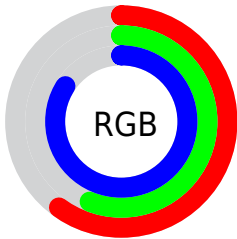
Format	Color
R _Y B	152, 142, 215
Decimal	9998039
CIE Lab	62.45, 19.87, -36.05
CIE LCh	62, 41.164, 298.857
Yxy	30.9277, 0.2599, 0.2304
Android (android.graphics.Color)	4288188119 (0xFF988ED7)
YUV	153.3120, 30.4122, -1.1506
Hunter-Lab	55.6127, 14.6566, -34.0148

Details

The Yxy color **30.9277, 0.2599, 0.2304** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **63.5321, 0.3556, 0.4156**, and the grayscale version is **31.8697, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.1098, 0.2814, 0.2651**, and **12.8450, 0.2428, 0.2036** is the 20% darker color. If you saturate the color by 10%, you get **23.4838, 0.2407, 0.1964**, and if you desaturate by 10%, it is **39.8879, 0.2777, 0.2628**.

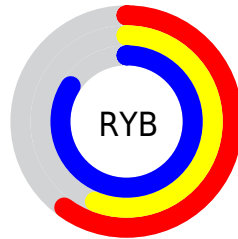
Distribution



Red (60%)

Green (56%)

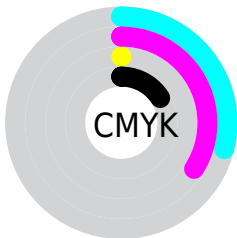
Blue (84%)



Red (60%)

Yellow (56%)

Blue (84%)

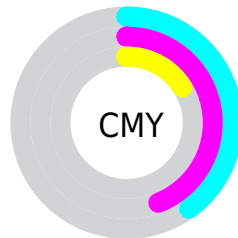


Cyan (29%)

Magenta (34%)

Yellow (0%)

Black (16%)



Cyan (40%)

Magenta (44%)

Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9277, 0.2599, 0.2304 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 30.9277, 0.2599, 0.2304 by changing the saturation by 10% instead.


 30.9277, 0.2599,
0.2304


 30.9277, 0.2599,
0.2304


306.2051, 0.2881,
0.2795

 20.5438, 0.2524,
0.2184


 61.1262, 0.2705,
0.2481

 12.7909, 0.2426,
0.2033

 81.7096, 0.2744,
0.2548

 7.2848, 0.2293,
0.1837


 106.4617, 0.2776,
0.2605

 3.6408, 0.2105,
0.1577

135.7667, 0.2804,
0.2654

 1.4747, 0.1823,
0.1223

170.0092, 0.2827,
0.2696

 0.2708, 0.1410,
0.0514

209.5735, 0.2847,

 0.0000, 0.0000,

0.2733

0.0000

254.8440, 0.2865,
0.2766

■ 30.9277, 0.2599,
0.2304

■ 30.9277, 0.2599,
0.2304

■ 23.4838, 0.2407,
0.1964

■ 39.8879, 0.2777,
0.2628

■ 17.4683, 0.2209,
0.1623

■ 50.4385, 0.2936,
0.2925

■ 12.7901, 0.2015,
0.1301

■ 62.6528, 0.3077,
0.3193

■ 9.3457, 0.1839,
0.1023

■ 76.5988, 0.3199,
0.3430

■ 7.0163, 0.1695,
0.0811

■ 92.3405, 0.3303,
0.3637

■ 5.6590, 0.1591,
0.0677

■ 97.6862, 0.3364,
0.3681

■ 5.1742, 0.1548,
0.0627

Harmonies

Analogous

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



30.9277, 0.2164, 0.2294



30.9277, 0.2599, 0.2304



30.9277, 0.3225, 0.2520

Triad

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



30.9277, 0.2599, 0.2304



30.9277, 0.4421, 0.3873



30.9277, 0.2373, 0.3686

Complementary

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



30.9277, 0.2599, 0.2304



63.5321, 0.3556, 0.4156

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.



30.9277, 0.2927, 0.4283



30.9277, 0.2599, 0.2304



30.9277, 0.4120, 0.4303

Square

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



30.9277, 0.2599, 0.2304



30.9277, 0.4346, 0.3374



30.9277, 0.3567, 0.4500



30.9277, 0.2041, 0.3012

Rectangle

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



30.9277, 0.2599, 0.2304



30.9277, 0.3677, 0.2758



30.9277, 0.3567, 0.4500



30.9277, 0.2538, 0.3911

Sweetspot

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



30.9289, 0.2599, 0.2304



80.8583, 0.2993, 0.3032



54.4473, 0.2632, 0.3162



16.7752, 0.2972, 0.2993



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



30.9289, 0.2599, 0.2304



37.1518, 0.2457, 0.2052



34.9741, 0.2917, 0.2387



12.0895, 0.3002, 0.3050



3.1216, 0.1556, 0.0631



0.2153, 0.1686, 0.0702

Inverse Universe

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



38.2014, 0.3259, 0.2556



49.5481, 0.3295, 0.2399



58.9627, 0.3272, 0.4241



12.6021, 0.3158, 0.3091



10.7616, 0.3586, 0.1749



0.6574, 0.3511, 0.1708

Previews

White Background



This preview shows how the Yxy color 30.9277, 0.2599, 0.2304 looks on a white background.

Color Contrast Check

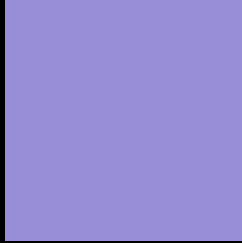
Large Text (above 18pt) WCAG AA × Fail

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 30.9277, 0.2599, 0.2304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

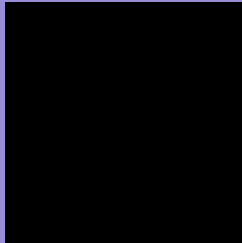
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9277, 0.2599, 0.2304

Background



This preview shows how black text looks on a background with the Yxy color 30.9277, 0.2599, 0.2304.



This preview shows how white text looks on a background with the Yxy color 30.9277, 0.2599, 0.2304.

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

30.9277, 0.2599, 0.2304

Protanopia

31.1742, 0.2391, 0.2299

Deuteranopia

30.8882, 0.2439, 0.2380



Tritanopia

30.8876, 0.2922, 0.3104

Trichromacy



Original Color

30.9277, 0.2599, 0.2304

Protanomaly

30.8540, 0.2460, 0.2294

Deuteranomaly

30.7312, 0.2493, 0.2341

Tritanomaly

30.7097, 0.2797, 0.2772

Monochromacy



Original Color

30.9277, 0.2599, 0.2304

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.4018, 0.2921, 0.2892

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9277, 0.2599, 0.2304 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(152, 142, 215)` looks like.

```
.text, #text, p{  
    color:rgb(152, 142, 215)  
}
```

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(152, 142, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 142, 215) }
```

Border

The CSS property to change the border of an element to Yxy 30.9277, 0.2599, 0.2304 is called "border". The border property can be set on classes, ids or directly on the HTML element.

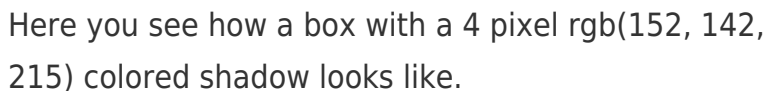
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 142, 215) }
```

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

```
.border{ border-color:rgb(152, 142, 215) }
```

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



Here you see how a box with a 4 pixel `rgb(152, 142, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 142, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 142, 215);  
box-shadow:4px 4px 4px 4px rgb(152, 142,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9277, 0.2599, 0.2304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 142, 215) }
```

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

```
.background{ background-color: rgb(152,  
142, 215) }
```

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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