

Converting Colors

$Y_{xy}(29.0444, 0.2872, 0.2754)$

Have a look what the booklet for
Yxy(29.0444, 0.2872, 0.2754)
contains.

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Color

Yxy(29.0444, 0.2872, 0.2754)

Conversions

Conversions Part 1

Format	Color
Hex	968EB2
RGB	150, 142, 178
RGB Percent	59%, 56%, 70%
CMY	0.4117, 0.4431, 0.3020
CMYK	0.16, 0.20, 0.00, 0.30
HSL	253°, 19%, 63%
HSV	253°, 20%, 70%
XYZ	30.2889, 29.0444, 46.1293
YIQ	148.4960, -6.7880, 12.8920

Conversions

Conversions Part 2

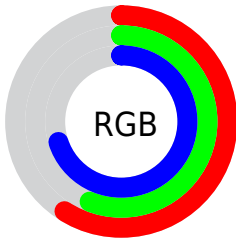
Format	Color
RYB	150, 142, 178
Decimal	9866930
CIELab	60.82, 10.40, -17.76
CIElCh	61, 20.581, 300.344
Yxy	29.0444, 0.2872, 0.2754
Android (android.graphics.Color)	4288057010 (0xFF968EB2)
YUV	148.4960, 14.5455, 1.3190
Hunter-Lab	53.8929, 6.0081, -13.0240

Details

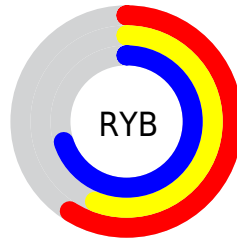
The Yxy color **29.0444, 0.2872, 0.2754** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **42.3381, 0.3352, 0.3797**, and the grayscale version is **29.7740, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.2577, 0.2921, 0.2860**, and **11.7876, 0.2787, 0.2592** is the 20% darker color. If you saturate the color by 10%, you get **22.9290, 0.2720, 0.2450**, and if you desaturate by 10%, it is **36.1630, 0.3007, 0.3033**.

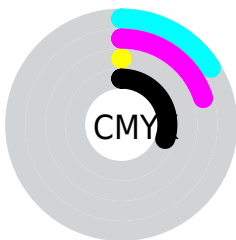
Distribution



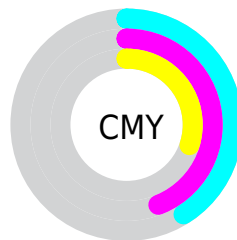
- Red (59%)
- Green (56%)
- Blue (70%)



- Red (59%)
- Yellow (56%)
- Blue (70%)



- Cyan (16%)
- Magenta (20%)
- Yellow (0%)
- Black (30%)



- Cyan (41%)
- Magenta (44%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.0444, 0.2872, 0.2754 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 29.0444, 0.2872, 0.2754 by changing the saturation by 10% instead.

■ 29.0444, 0.2872,
0.2754

■ 29.0444, 0.2872,
0.2754

■ 297.4244, 0.3011,
0.3034

■ 19.1144, 0.2833,
0.2680

■ 58.1476, 0.2925,
0.2859

■ 11.7530, 0.2781,
0.2583

■ 78.0896, 0.2945,
0.2897

■ 6.5757, 0.2707,
0.2450

■ 102.1378, 0.2960,
0.2929

■ 3.1982, 0.2594,
0.2256

■ 130.6765, 0.2974,
0.2957

■ 1.2361, 0.2405,
0.1954

■ 164.0901, 0.2985,
0.2980

■ 0.0909, 0.1866,
0.0498

■ 202.7630, 0.2995,

■ 0.0000, 0.0000,

0.3001

0.0000

247.0797, 0.3004,
0.3019

■ 29.0444, 0.2872,
0.2754

■ 29.0444, 0.2872,
0.2754

■ 22.9290, 0.2720,
0.2450

■ 36.1630, 0.3007,
0.3033

■ 17.7677, 0.2552,
0.2128

■ 44.3237, 0.3125,
0.3285

■ 13.5128, 0.2372,
0.1799

■ 53.5677, 0.3226,
0.3508

■ 10.1109, 0.2189,
0.1479

■ 63.9329, 0.3313,
0.3705

■ 7.5028, 0.2011,
0.1189

■ 75.4554, 0.3386,
0.3878

■ 5.6217, 0.1851,
0.0949

■ 88.1697, 0.3449,
0.4030

■ 4.3894, 0.1718,
0.0776

■ 94.4835, 0.3530,
0.4062

■ 3.6586, 0.1620,
0.0666

■ 95.9944, 0.3585,
0.4047

Harmonies

Analogous

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



29.0444, 0.2621, 0.2754



29.0444, 0.2872, 0.2754



29.0444, 0.3205, 0.2880

Triad

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



29.0444, 0.2872, 0.2754



29.0444, 0.3791, 0.3642



29.0444, 0.2726, 0.3477

Complementary

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



29.0444, 0.2872, 0.2754



42.3381, 0.3352, 0.3797

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.



29.0444, 0.3024, 0.3758



29.0444, 0.2872, 0.2754



29.0444, 0.3644, 0.3838

Square

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



29.0444, 0.2872, 0.2754



29.0444, 0.3751, 0.3374



29.0444, 0.3360, 0.3890



29.0444, 0.2540, 0.3153

Rectangle

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



29.0444, 0.2872, 0.2754



29.0444, 0.3430, 0.3019



29.0444, 0.3360, 0.3890



29.0444, 0.2816, 0.3581

Sweetspot

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



29.0456, 0.2872, 0.2754



71.4458, 0.3058, 0.3140



37.7897, 0.2823, 0.3175



15.6219, 0.3050, 0.3124



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



29.0456, 0.2872, 0.2754



47.8090, 0.2810, 0.2629



30.8628, 0.3047, 0.2781



8.3184, 0.3018, 0.3057



2.6414, 0.1629, 0.0671



0.1090, 0.1914, 0.0828

Inverse Universe

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



31.7121, 0.3229, 0.2902



53.5039, 0.3254, 0.2819



40.4888, 0.3191, 0.3823



8.6137, 0.3170, 0.3115



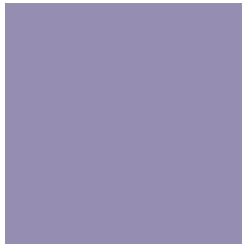
8.1022, 0.3856, 0.1898



0.2630, 0.3643, 0.1781

Previews

White Background



This preview shows how the Yxy color 29.0444, 0.2872, 0.2754 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 29.0444, 0.2872, 0.2754 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 29.0444, 0.2872, 0.2754

Background



This preview shows how black text looks on a background with the Yxy color 29.0444, 0.2872, 0.2754.



This preview shows how white text looks on a background with the Yxy color 29.0444, 0.2872, 0.2754.

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

29.0444, 0.2872, 0.2754

Protanopia

29.0351, 0.2755, 0.2757

Deuteranopia

29.2719, 0.2835, 0.2779



Tritanopia

29.1031, 0.3023, 0.3118

Trichromacy



Original Color

29.0444, 0.2872, 0.2754

Protanomaly

29.0408, 0.2799, 0.2761

Deuteranomaly

29.0623, 0.2844, 0.2765

Tritanomaly

29.1705, 0.2959, 0.2982

Monochromacy



Original Color

29.0444, 0.2872, 0.2754

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.4854, 0.3025, 0.3074

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0444, 0.2872, 0.2754 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(150, 142, 178)` looks like.

```
.text, #text, p{  
    color:rgb(150, 142, 178)  
}
```

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(150, 142, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 142, 178) }
```

Border

The CSS property to change the border of an element to Yxy 29.0444, 0.2872, 0.2754 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(150, 142, 178) }
```

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

```
.border{ border-color:rgb(150, 142, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 142, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 142, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 142, 178);  
box-shadow:4px 4px 4px 4px rgb(150, 142,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0444, 0.2872, 0.2754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 142, 178) }
```

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

```
.background{ background-color: rgb(150,  
142, 178) }
```

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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