

Converting Colors

$Y_{xy}(30.5981, 0.2848, 0.2842)$

Have a look what the booklet for
Yxy(30.5981, 0.2848, 0.2842)
contains.

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Color

Yxy(30.5972, 0.2848, 0.2842)

Conversions

Conversions Part 1

Format	Color
Hex	9394B2
RGB	147, 148, 178
RGB Percent	58%, 58%, 70%
CMY	0.4234, 0.4196, 0.3020
CMYK	0.17, 0.17, 0.00, 0.30
HSL	238°, 17%, 64%
HSV	238°, 17%, 70%
XYZ	30.6618, 30.5972, 46.4018
YIQ	151.1210, -10.2260, 9.1180

Conversions

Conversions Part 2

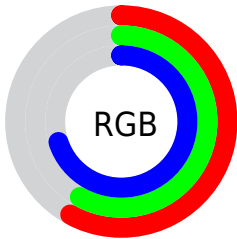
Format	Color
RYB	147, 148, 178
Decimal	9671858
CIELab	62.17, 5.99, -15.74
CIElCh	62, 16.840, 290.853
Yxy	30.5972, 0.2848, 0.2842
Android (android.graphics.Color)	4287861938 (0xFF9394B2)
YUV	151.1210, 13.2513, -3.6141
Hunter-Lab	55.3147, 2.1445, -11.0162

Details

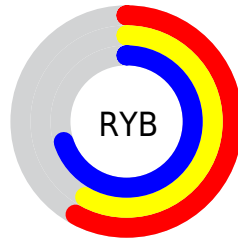
The Yxy color **30.5972, 0.2848, 0.2842** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.0263, 0.3386, 0.3702**, and the grayscale version is **30.9498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **60.5991, 0.2901, 0.2927**, and **12.5169, 0.2755, 0.2694** is the 20% darker color. If you saturate the color by 10%, you get **24.0646, 0.2662, 0.2541**, and if you desaturate by 10%, it is **38.1931, 0.3016, 0.3112**.

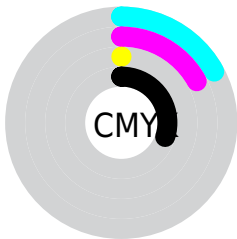
Distribution



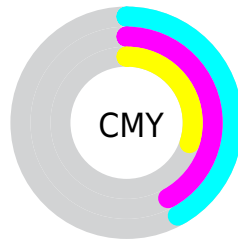
- Red (58%)
- Green (58%)
- Blue (70%)



- Red (58%)
- Yellow (58%)
- Blue (70%)



- Cyan (17%)
- Magenta (17%)
- Yellow (0%)
- Black (30%)



- Cyan (42%)
- Magenta (42%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 30.5972, 0.2848, 0.2842 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 30.5972, 0.2848, 0.2842 by changing the saturation by 10% instead.

■ 30.5972, 0.2848,
0.2842

■ 30.5972, 0.2848,
0.2842

■ 304.6783, 0.2998,
0.3077

■ 20.2923, 0.2807,
0.2780

■ 60.6053, 0.2905,
0.2930

■ 12.6077, 0.2753,
0.2698

■ 81.0774, 0.2925,
0.2962

■ 7.1590, 0.2676,
0.2585

■ 105.7073, 0.2942,
0.2989

■ 3.5617, 0.2562,
0.2421

■ 134.8794, 0.2957,
0.3012

■ 1.4316, 0.2374,
0.2162

■ 168.9782, 0.2969,
0.3032

■ 0.2398, 0.1842,
0.1180

■ 208.3880, 0.2980,

■ 0.0000, 0.0000,

0.3049

0.0000

253.4933, 0.2989,
0.3064

■ 30.5972, 0.2848,
0.2842

■ 30.5972, 0.2848,
0.2842

■ 24.0646, 0.2662,
0.2541

■ 38.1931, 0.3016,
0.3112

■ 18.5442, 0.2460,
0.2214

■ 46.8928, 0.3164,
0.3349

■ 13.9867, 0.2251,
0.1872

■ 56.7392, 0.3293,
0.3555

■ 10.3368, 0.2044,
0.1531

■ 67.7719, 0.3406,
0.3733

■ 7.5338, 0.1854,
0.1215

■ 80.0286, 0.3503,
0.3887

■ 5.5097, 0.1696,
0.0950

■ 93.5452, 0.3586,
0.4018

■ 4.1856, 0.1583,
0.0755

■ 95.9938, 0.3585,
0.4047

■ 3.4613, 0.1518,
0.0641

■ 3.3336, 0.1506,
0.0620

Harmonies

Analogous

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



30.5972, 0.2673, 0.2881



30.5972, 0.2848, 0.2842



30.5972, 0.3103, 0.2913

Triad

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



30.5972, 0.2848, 0.2842



30.5972, 0.3667, 0.3515



30.5972, 0.2873, 0.3519

Complementary

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



30.5972, 0.2848, 0.2842



43.0263, 0.3386, 0.3702

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.



30.5972, 0.3132, 0.3710



30.5972, 0.2848, 0.2842



30.5972, 0.3596, 0.3694

Square

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



30.5972, 0.2848, 0.2842



30.5972, 0.3586, 0.3290



30.5972, 0.3398, 0.3772



30.5972, 0.2687, 0.3264

Rectangle

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



30.5972, 0.2848, 0.2842



30.5972, 0.3288, 0.3012



30.5972, 0.3398, 0.3772



30.5972, 0.2955, 0.3594

Sweetspot

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



30.5985, 0.2848, 0.2842



72.7257, 0.3052, 0.3169



41.2144, 0.2877, 0.3304



15.8790, 0.3041, 0.3152



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.



30.5985, 0.2848, 0.2842



50.5623, 0.2776, 0.2726



31.7194, 0.2985, 0.2846



8.2710, 0.2985, 0.3062



2.4028, 0.1507, 0.0624



0.0895, 0.1535, 0.0725

Inverse Universe

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



32.4800, 0.3445, 0.3277



54.6587, 0.3536, 0.3274



41.7872, 0.3252, 0.3732



8.5094, 0.3282, 0.3283



6.7827, 0.6360, 0.3277



0.2148, 0.6191, 0.3184

Previews

White Background



This preview shows how the Yxy color 30.5972, 0.2848, 0.2842 looks on a white background.

Color Contrast Check

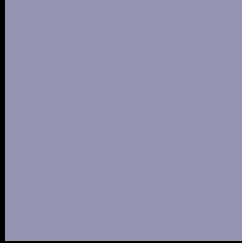
Large Text (above 18pt) WCAG AA × Fail

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 30.5972, 0.2848, 0.2842 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

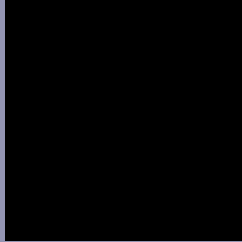
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.5972, 0.2848, 0.2842

Background



This preview shows how black text looks on a background with the Yxy color 30.5972, 0.2848, 0.2842.



This preview shows how white text looks on a background with the Yxy color 30.5972, 0.2848, 0.2842.

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

30.5972, 0.2848, 0.2842

Protanopia

30.6789, 0.2813, 0.2840

Deuteranopia

30.6611, 0.2884, 0.2832



Tritanopia

30.7069, 0.2950, 0.3104

Trichromacy



Original Color

30.5972, 0.2848, 0.2842

Protanomaly

30.7693, 0.2822, 0.2841

Deuteranomaly

30.5658, 0.2875, 0.2830

Tritanomaly

30.6596, 0.2915, 0.3014

Monochromacy



Original Color

30.5972, 0.2848, 0.2842

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8699, 0.3025, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.5972, 0.2848, 0.2842 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(147, 148, 178)` looks like.

```
.text, #text, p{  
    color:rgb(147, 148, 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(147, 148, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 148, 178) }
```

Border

The CSS property to change the border of an element to Yxy 30.5972, 0.2848, 0.2842 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(147, 148, 178) }
```

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

```
.border{ border-color:rgb(147, 148, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 148, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 148, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 148, 178);  
box-shadow:4px 4px 4px 4px rgb(147, 148,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 30.5972, 0.2848, 0.2842 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 148, 178) }
```

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

```
.background{ background-color: rgb(147,  
148, 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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