

Converting Colors

$Y_{xy}(29.8016, 0.2759, 0.2634)$

Have a look what the booklet for
Yxy(29.8016, 0.2759, 0.2634)
contains.

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Color

Yxy(29.8237, 0.2754, 0.2633)

Conversions

Conversions Part 1

Format	Color
Hex	9390BD
RGB	147, 144, 189
RGB Percent	58%, 56%, 74%
CMY	0.4234, 0.4353, 0.2589
CMYK	0.22, 0.24, 0.00, 0.26
HSL	244°, 25%, 65%
HSV	244°, 24%, 74%
XYZ	31.1943, 29.8237, 52.2509
YIQ	150.0270, -12.6570, 14.6310

Conversions

Conversions Part 2

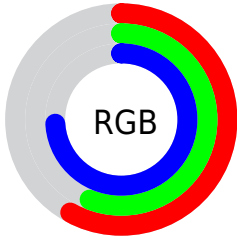
Format	Color
RYB	147, 144, 189
Decimal	9670845
CIELab	61.50, 10.83, -22.96
CIELCh	62, 25.385, 295.258
Yxy	29.8237, 0.2754, 0.2633
Android (android.graphics.Color)	4287860925 (0xFF9390BD)
YUV	150.0270, 19.2137, -2.6547
Hunter-Lab	54.6111, 6.3911, -18.4999

Details

The Yxy color $29.8237, 0.2754, 0.2633$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $48.8383, 0.3455, 0.3881$, and the grayscale version is $30.4345, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5373, 0.2836, 0.2766$, and $12.2698, 0.2628, 0.2430$ is the 20% darker color. If you saturate the color by 10%, you get $23.0645, 0.2566, 0.2308$, and if you desaturate by 10%, it is $37.7932, 0.2924, 0.2931$.

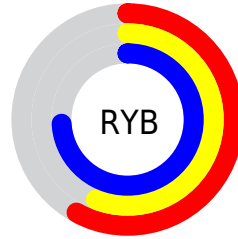
Distribution



Red (58%)

Green (56%)

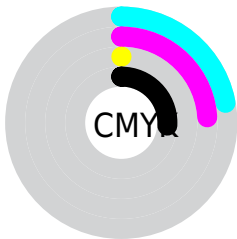
Blue (74%)



Red (58%)

Yellow (56%)

Blue (74%)

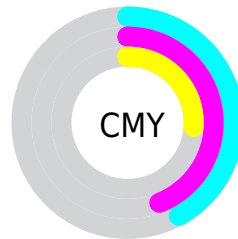


Cyan (22%)

Magenta (24%)

Yellow (0%)

Black (26%)



Cyan (42%)

Magenta (44%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.8237, 0.2754, 0.2633 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 29.8237, 0.2754, 0.2633 by changing the saturation by 10% instead.

■ 29.8237, 0.2754,
0.2633

■ 29.8237, 0.2754,
0.2633

■ 301.0818, 0.2955,
0.2973

■ 19.7048, 0.2699,
0.2545

■ 59.3833, 0.2830,
0.2759

■ 12.1807, 0.2626,
0.2430

■ 79.5927, 0.2858,
0.2806

■ 6.8668, 0.2525,
0.2276

■ 103.9345, 0.2881,
0.2845

■ 3.3790, 0.2374,
0.2056

■ 132.7930, 0.2900,
0.2878

■ 1.3326, 0.2132,
0.1726

■ 166.5525, 0.2917,
0.2907

■ 0.1663, 0.1606,
0.0632

■ 205.5976, 0.2931,

■ 0.0000, 0.0000,

0.2932

0.0000

250.3126, 0.2944,
0.2954

■ 29.8237, 0.2754,
0.2633

■ 29.8237, 0.2754,
0.2633

■ 23.0645, 0.2566,
0.2308

■ 37.7932, 0.2924,
0.2931

■ 17.4531, 0.2365,
0.1964

■ 47.0244, 0.3075,
0.3197

■ 12.9267, 0.2159,
0.1618

■ 57.5701, 0.3206,
0.3431

■ 9.4150, 0.1961,
0.1291

■ 69.4789, 0.3319,
0.3635

■ 6.8395, 0.1786,
0.1009

■ 82.7972, 0.3417,
0.3812

■ 5.1104, 0.1648,
0.0795

■ 96.0342, 0.3505,
0.3943

■ 4.1196, 0.1556,
0.0662

■ 96.4537, 0.3520,
0.3939

■ 3.7574, 0.1520,
0.0611

Harmonies

Analogous

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



29.8237, 0.2478, 0.2656



29.8237, 0.2754, 0.2633



29.8237, 0.3147, 0.2761

Triad

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



29.8237, 0.2754, 0.2633



29.8237, 0.3948, 0.3658



29.8237, 0.2691, 0.3586

Complementary

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



29.8237, 0.2754, 0.2633



48.8383, 0.3455, 0.3881

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.



29.8237, 0.3065, 0.3913



29.8237, 0.2754, 0.2633



29.8237, 0.3800, 0.3924

Square

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



29.8237, 0.2754, 0.2633



29.8237, 0.3861, 0.3328



29.8237, 0.3472, 0.4033



29.8237, 0.2442, 0.3181

Rectangle

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



29.8237, 0.2754, 0.2633



29.8237, 0.3428, 0.2915



29.8237, 0.3472, 0.4033



29.8237, 0.2806, 0.3711

Sweetspot

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



29.8249, 0.2754, 0.2633



78.5109, 0.3027, 0.3113



44.7168, 0.2777, 0.3247



16.6666, 0.3019, 0.3097



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



29.8249, 0.2754, 0.2633



46.3142, 0.2650, 0.2452



32.1086, 0.2964, 0.2671



9.2553, 0.2994, 0.3054



2.5410, 0.1525, 0.0614



0.1102, 0.1620, 0.0666

Inverse Universe

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



34.3061, 0.3183, 0.2743



55.8664, 0.3198, 0.2612



46.2436, 0.3258, 0.3920



9.6849, 0.3148, 0.3079



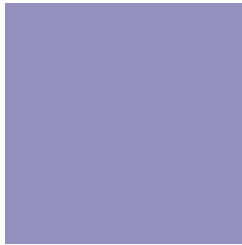
9.3994, 0.3384, 0.1638



0.3716, 0.3338, 0.1612

Previews

White Background



This preview shows how the Yxy color 29.8237, 0.2754, 0.2633 looks on a white background.

Color Contrast Check

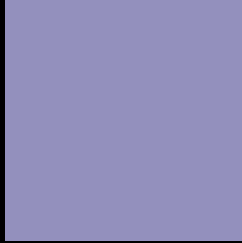
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8237, 0.2754, 0.2633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

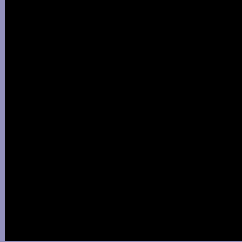
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.8237, 0.2754, 0.2633

Background



This preview shows how black text looks on a background with the Yxy color 29.8237, 0.2754, 0.2633.



This preview shows how white text looks on a background with the Yxy color 29.8237, 0.2754, 0.2633.

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

29.8237, 0.2754, 0.2633

Protanopia

29.9474, 0.2655, 0.2637

Deuteranopia

29.9827, 0.2712, 0.2655



Tritanopia

29.8189, 0.2947, 0.3102

Trichromacy



Original Color

29.8237, 0.2754, 0.2633

Protanomaly

29.9382, 0.2695, 0.2641

Deuteranomaly

29.8542, 0.2728, 0.2643

Tritanomaly

29.7370, 0.2878, 0.2923

Monochromacy



Original Color

29.8237, 0.2754, 0.2633

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.2497, 0.2989, 0.3045

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.8237, 0.2754, 0.2633 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, 144, 189)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 189)  
}
```

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, 144, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 189) }
```

Border

The CSS property to change the border of an element to Yxy 29.8237, 0.2754, 0.2633 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, 144, 189) }
```

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

```
.border{ border-color:rgb(147, 144, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 189);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 29.8237, 0.2754, 0.2633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 189) }
```

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

```
.background{ background-color: rgb(147,  
144, 189) }
```

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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