

Converting Colors

$Y_{xy}(32.5956, 0.2866, 0.3034)$

Have a look what the booklet for
Yxy(32.5956, 0.2866, 0.3034)
contains.

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Color

Yxy(32.7234, 0.2867, 0.3033)

Conversions

Conversions Part 1

Format	Color
Hex	909CAD
RGB	144, 156, 173
RGB Percent	56%, 61%, 68%
CMY	0.4354, 0.3882, 0.3215
CMYK	0.17, 0.10, 0.00, 0.32
HSL	215°, 15%, 62%
HSV	215°, 17%, 68%
XYZ	30.9324, 32.7234, 44.2354
YIQ	154.3500, -12.6090, 2.7430

Conversions

Conversions Part 2

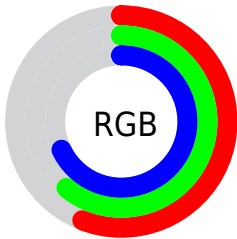
Format	Color
RYB	144, 152, 173
Decimal	9477293
CIELab	63.94, -0.63, -10.31
CIELCh	64, 10.325, 266.504
Yxy	32.7234, 0.2867, 0.3033
Android (android.graphics.Color)	4287667373 (0xFF909CAD)
YUV	154.3500, 9.1945, -9.0769
Hunter-Lab	57.2044, -3.5864, -5.8051

Details

The Yxy color **32.7234, 0.2867, 0.3033** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.3919, 0.3401, 0.3534**, and the grayscale version is **32.4395, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7004, 0.2921, 0.3084**, and **13.8108, 0.2776, 0.2945** is the 20% darker color. If you saturate the color by 10%, you get **28.0220, 0.2702, 0.2857**, and if you desaturate by 10%, it is **37.9504, 0.3025, 0.3192**.

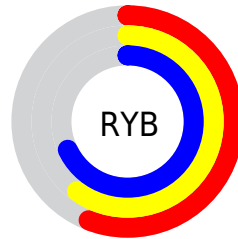
Distribution



Red (56%)

Green (61%)

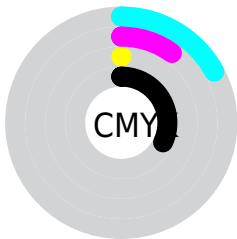
Blue (68%)



Red (56%)

Yellow (60%)

Blue (68%)

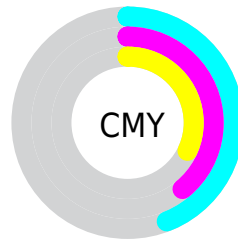


Cyan (17%)

Magenta (10%)

Yellow (0%)

Black (32%)



Cyan (44%)

Magenta (39%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.7234, 0.2867, 0.3033 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 32.7234, 0.2867, 0.3033 by changing the saturation by 10% instead.

■ 32.7234, 0.2867,
0.3033

■ 32.7234, 0.2867,
0.3033

314.4015, 0.3004,
0.3169

■ 21.9146, 0.2830,
0.2997

■ 63.9434, 0.2919,
0.3084

■ 13.7942, 0.2782,
0.2948

■ 85.1235, 0.2937,
0.3103

■ 7.9777, 0.2715,
0.2881

110.5295, 0.2953,
0.3118

■ 4.0807, 0.2615,
0.2782

140.5457, 0.2966,
0.3131

■ 1.7188, 0.2454,
0.2620

175.5567, 0.2978,
0.3143

■ 0.4358, 0.1947,
0.2127

215.9467, 0.2988,

■ 0.0000, 0.0000,

0.3153

0.0000

262.1002, 0.2996,
0.3161

■ 32.7234, 0.2867,
0.3033

■ 32.7234, 0.2867,
0.3033

■ 28.0220, 0.2702,
0.2857

■ 37.9504, 0.3025,
0.3192

■ 23.8244, 0.2534,
0.2664

■ 43.7158, 0.3174,
0.3334

■ 20.1132, 0.2366,
0.2456

■ 50.0370, 0.3314,
0.3459

■ 16.8681, 0.2203,
0.2237

■ 56.9291, 0.3443,
0.3570

■ 14.0673, 0.2051,
0.2012

■ 64.4070, 0.3562,
0.3666

■ 11.6868, 0.1918,
0.1788

■ 72.4847, 0.3672,
0.3751

■ 9.6997, 0.1807,
0.1573

■ 79.2093, 0.3696,
0.3840

■ 8.0706, 0.1723,
0.1373

■ 84.9203, 0.3666,
0.3935

■ 7.6050, 0.1698,
0.1312

■ 90.9634, 0.3636,
0.4027

Harmonies

Analogous

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



32.7234, 0.2816, 0.3115



32.7234, 0.2867, 0.3033



32.7234, 0.2987, 0.3019

Triad

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



32.7234, 0.2867, 0.3033



32.7234, 0.3416, 0.3320



32.7234, 0.3102, 0.3521

Complementary

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



32.7234, 0.2867, 0.3033



36.3919, 0.3401, 0.3534

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.



32.7234, 0.3264, 0.3575



32.7234, 0.2867, 0.3033



32.7234, 0.3448, 0.3453

Square

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



32.7234, 0.2867, 0.3033



32.7234, 0.3305, 0.3183



32.7234, 0.3391, 0.3549



32.7234, 0.2950, 0.3399

Rectangle

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



32.7234, 0.2867, 0.3033



32.7234, 0.3091, 0.3049



32.7234, 0.3391, 0.3549



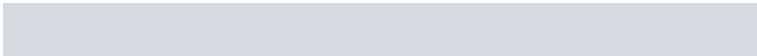
32.7234, 0.3157, 0.3548

Sweetspot

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



32.7248, 0.2867, 0.3033



69.6285, 0.3051, 0.3217



38.3965, 0.2971, 0.3471



14.9849, 0.3041, 0.3207



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.7248, 0.2867, 0.3033



55.4826, 0.2809, 0.2972



29.1069, 0.2882, 0.2849



8.2815, 0.2986, 0.3154



5.6924, 0.1703, 0.1332



0.2679, 0.1876, 0.1954

Inverse Universe

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



31.2288, 0.3315, 0.3117



52.4421, 0.3364, 0.3079



40.5254, 0.3351, 0.3702



8.0683, 0.3224, 0.3196



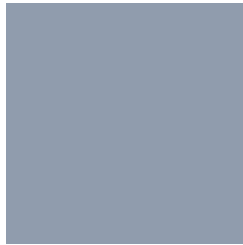
6.8777, 0.5283, 0.2684



0.2024, 0.4506, 0.2256

Previews

White Background



This preview shows how the Yxy color 32.7234, 0.2867, 0.3033 looks on a white background.

Color Contrast Check

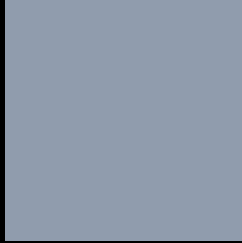
Large Text (above 18pt) WCAG AA × Fail

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 32.7234, 0.2867, 0.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

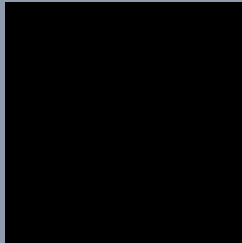
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

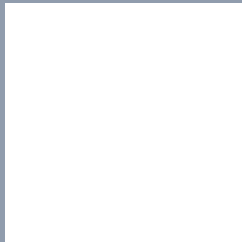
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.7234, 0.2867, 0.3033

Background



This preview shows how black text looks on a background with the Yxy color 32.7234, 0.2867, 0.3033.



This preview shows how white text looks on a background with the Yxy color 32.7234, 0.2867, 0.3033.

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

32.7234, 0.2867, 0.3033

Protanopia

32.8621, 0.2957, 0.3024

Deuteranopia

32.7663, 0.3015, 0.2958



Tritanopia

32.8182, 0.2892, 0.3107

Trichromacy



Original Color

32.7234, 0.2867, 0.3033

Protanomaly

32.9053, 0.2930, 0.3037

Deuteranomaly

32.8070, 0.2959, 0.2982

Tritanomaly

32.8559, 0.2884, 0.3092

Monochromacy



Original Color

32.7234, 0.2867, 0.3033

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4999, 0.3025, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.7234, 0.2867, 0.3033 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(144, 156, 173)` looks like.

```
.text, #text, p{  
    color:rgb(144, 156, 173)  
}
```

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(144, 156, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 156, 173) }
```

Border

The CSS property to change the border of an element to Yxy 32.7234, 0.2867, 0.3033 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(144, 156, 173) }
```

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

```
.border{ border-color:rgb(144, 156, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 156, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 156, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 156, 173);  
box-shadow:4px 4px 4px 4px rgb(144, 156,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 32.7234, 0.2867, 0.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 156, 173) }
```

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

```
.background{ background-color: rgb(144,  
156, 173) }
```

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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