

Converting Colors

$Y_{xy}(32.8722, 0.2941, 0.2902)$

Have a look what the booklet for
Yxy(32.8722, 0.2941, 0.2902)
contains.

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Color

Yxy(32.8792, 0.2934, 0.2900)

Conversions

Conversions Part 1

Format	Color
Hex	9D98B3
RGB	157, 152, 179
RGB Percent	62%, 60%, 70%
CMY	0.3844, 0.4039, 0.2981
CMYK	0.12, 0.15, 0.00, 0.30
HSL	251°, 15%, 65%
HSV	251°, 15%, 70%
XYZ	33.2647, 32.8792, 47.2327
YIQ	156.5730, -5.6870, 9.4570

Conversions

Conversions Part 2

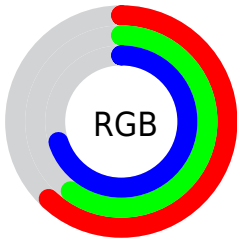
Format	Color
RYB	157, 152, 179
Decimal	10328243
CIELab	64.06, 7.26, -13.36
CIELCh	64, 15.205, 298.519
Yxy	32.8792, 0.2934, 0.2900
Android (android.graphics.Color)	4288518323 (0xFF9D98B3)
YUV	156.5730, 11.0565, 0.3745
Hunter-Lab	57.3404, 3.2069, -8.7003

Details

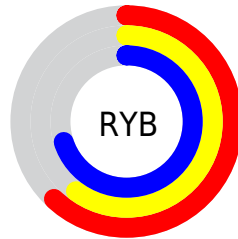
The Yxy color **32.8792, 0.2934, 0.2900** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.5030, 0.3304, 0.3662**, and the grayscale version is **33.4657, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.1378, 0.2974, 0.2970**, and **13.8779, 0.2878, 0.2781** is the 20% darker color. If you saturate the color by 10%, you get **26.1197, 0.2783, 0.2606**, and if you desaturate by 10%, it is **40.6938, 0.3067, 0.3166**.

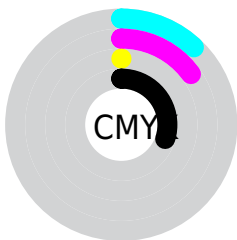
Distribution



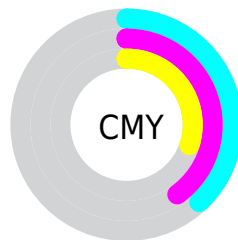
- Red (62%)
- Green (60%)
- Blue (70%)



- Red (62%)
- Yellow (60%)
- Blue (70%)



- Cyan (12%)
- Magenta (15%)
- Yellow (0%)
- Black (30%)



- Cyan (38%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.8792, 0.2934, 0.2900 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 32.8792, 0.2934, 0.2900 by changing the saturation by 10% instead.

■ 32.8792, 0.2934,
0.2900

■ 32.8792, 0.2934,
0.2900

■ 315.1051, 0.3037,
0.3102

■ 22.0339, 0.2906,
0.2847

■ 64.1869, 0.2973,
0.2975

■ 13.8818, 0.2869,
0.2778

■ 85.4181, 0.2987,
0.3003

■ 8.0385, 0.2817,
0.2684

■ 110.8800, 0.2999,
0.3026

■ 4.1196, 0.2739,
0.2547

■ 140.9571, 0.3009,
0.3046

■ 1.7407, 0.2612,
0.2333

■ 176.0338, 0.3017,
0.3063

■ 0.4498, 0.2367,
0.1760

■ 216.4944, 0.3025,

■ 0.0000, 0.0000,

0.3078

0.0000

262.7234, 0.3031,
0.3091

■ 32.8792, 0.2934,
0.2900

■ 32.8792, 0.2934,
0.2900

■ 26.1197, 0.2783,
0.2606

■ 40.6938, 0.3067,
0.3166

■ 20.3659, 0.2615,
0.2289

■ 49.6019, 0.3182,
0.3403

■ 15.5705, 0.2434,
0.1957

■ 59.6451, 0.3281,
0.3612

■ 11.6808, 0.2245,
0.1626

■ 70.8615, 0.3365,
0.3796

■ 8.6389, 0.2058,
0.1313

■ 83.2876, 0.3437,
0.3955

■ 6.3801, 0.1886,
0.1043

■ 94.1155, 0.3509,
0.4056

■ 4.8303, 0.1740,
0.0833

■ 96.0341, 0.3579,
0.4037

■ 3.8996, 0.1629,
0.0697

■ 3.5764, 0.1587,
0.0648

Harmonies

Analogous

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



32.8792, 0.2756, 0.2910



32.8792, 0.2934, 0.2900



32.8792, 0.3170, 0.2986

Triad

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



32.8792, 0.2934, 0.2900



32.8792, 0.3599, 0.3537



32.8792, 0.2853, 0.3437

Complementary

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



32.8792, 0.2934, 0.2900



43.5030, 0.3304, 0.3662

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.



32.8792, 0.3071, 0.3625



32.8792, 0.2934, 0.2900



32.8792, 0.3505, 0.3675

Square

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



32.8792, 0.2934, 0.2900



32.8792, 0.3561, 0.3343



32.8792, 0.3310, 0.3712



32.8792, 0.2711, 0.3211

Rectangle

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



32.8792, 0.2934, 0.2900



32.8792, 0.3329, 0.3085



32.8792, 0.3310, 0.3712



32.8792, 0.2920, 0.3507

Sweetspot

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



32.8806, 0.2934, 0.2900



72.8724, 0.3067, 0.3166



40.2185, 0.2900, 0.3219



15.9157, 0.3058, 0.3148



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.



32.8806, 0.2934, 0.2900



54.7792, 0.2887, 0.2808



34.3104, 0.3062, 0.2915



8.3029, 0.3013, 0.3057



2.5490, 0.1595, 0.0652



0.1026, 0.1847, 0.0791

Inverse Universe

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



35.0995, 0.3190, 0.2989



59.5145, 0.3206, 0.2923



42.0326, 0.3183, 0.3676



8.6194, 0.3165, 0.3106



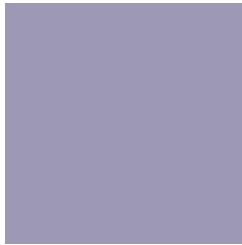
8.2490, 0.3729, 0.1828



0.2665, 0.3560, 0.1735

Previews

White Background



This preview shows how the Yxy color 32.8792, 0.2934, 0.2900 looks on a white background.

Color Contrast Check

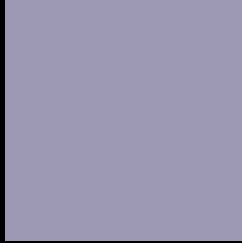
Large Text (above 18pt) WCAG AA × Fail

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 32.8792, 0.2934, 0.2900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

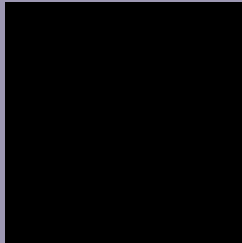
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8792, 0.2934, 0.2900

Background



This preview shows how black text looks on a background with the Yxy color 32.8792, 0.2934, 0.2900.



This preview shows how white text looks on a background with the Yxy color 32.8792, 0.2934, 0.2900.

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

32.8792, 0.2934, 0.2900

Protanopia

32.8905, 0.2863, 0.2908

Deuteranopia

32.7588, 0.2953, 0.2887



Tritanopia

32.8329, 0.3028, 0.3112

Trichromacy



Original Color

32.8792, 0.2934, 0.2900

Protanomaly

32.8501, 0.2889, 0.2897

Deuteranomaly

32.6570, 0.2943, 0.2886

Tritanomaly

32.7907, 0.2994, 0.3025

Monochromacy



Original Color

32.8792, 0.2934, 0.2900

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.3274, 0.3056, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8792, 0.2934, 0.2900 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(157, 152, 179)` looks like.

```
.text, #text, p{  
    color:rgb(157, 152, 179)  
}
```

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(157, 152, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 152, 179) }
```

Border

The CSS property to change the border of an element to Yxy 32.8792, 0.2934, 0.2900 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(157, 152, 179) }
```

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

```
.border{ border-color:rgb(157, 152, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 152, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 152, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 152, 179);  
box-shadow:4px 4px 4px 4px rgb(157, 152,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8792, 0.2934, 0.2900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 152, 179) }
```

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

```
.background{ background-color: rgb(157,  
152, 179) }
```

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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