

Converting Colors

$Yxy(32.4498, 0.2935, 0.3869)$

Have a look what the booklet for
Yxy(32.4498, 0.2935, 0.3869)
contains.

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Color

Yxy(32.4491, 0.2935, 0.3870)

Conversions

Conversions Part 1

Format	Color
Hex	71A684
RGB	113, 166, 132
RGB Percent	44%, 65%, 52%
CMY	0.5569, 0.3490, 0.4824
CMYK	0.32, 0.00, 0.20, 0.35
HSL	141°, 23%, 55%
HSV	141°, 32%, 65%
XYZ	24.6093, 32.4491, 26.7894
YIQ	146.2770, -20.6740, -21.8100

Conversions

Conversions Part 2

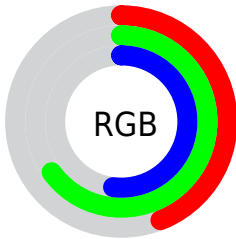
Format	Color
RYB	113, 152, 166
Decimal	7448196
CIELab	63.71, -24.91, 12.11
CIELCh	64, 27.695, 154.066
Yxy	32.4491, 0.2935, 0.3870
Android (android.graphics.Color)	4285638276 (0xFF71A684)
YUV	146.2770, -7.0386, -29.1839
Hunter-Lab	56.9641, -22.5726, 11.9917

Details

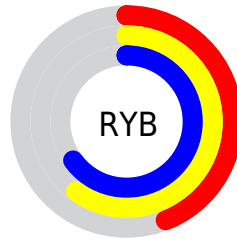
The Yxy color **32.4491, 0.2935, 0.3870** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **22.0235, 0.3389, 0.2775**, and the grayscale version is **28.8994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.3227, 0.2976, 0.3744**, and **13.7006, 0.2870, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **31.1714, 0.2884, 0.4091**, and if you desaturate by 10%, it is **33.9607, 0.2992, 0.3667**.

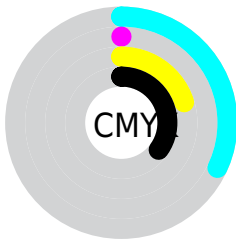
Distribution



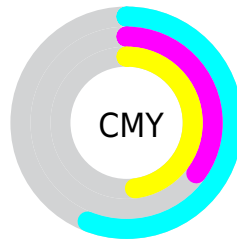
- Red (44%)
- Green (65%)
- Blue (52%)



- Red (44%)
- Yellow (60%)
- Blue (65%)



- Cyan (32%)
- Magenta (0%)
- Yellow (20%)
- Black (35%)




- Cyan (56%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 32.4491, 0.2935, 0.3870 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 32.4491, 0.2935, 0.3870 by changing the saturation by 10% instead.


 32.4491, 0.2935,
0.3870

 32.4491, 0.2935,
0.3870


313.1600, 0.3042,
0.3551


 21.7048, 0.2904,
0.3961


 63.5145, 0.2977,
0.3747


 13.6401, 0.2861,
0.4084


 84.6043, 0.2992,
0.3703

 7.8708, 0.2797,
0.4264


 109.9114, 0.3004,
0.3666

 4.0124, 0.2695,
0.4545

 139.8202, 0.3014,
0.3636

 1.6805, 0.2514,
0.5060

174.7150, 0.3023,
0.3610

 0.4110, 0.0000,
1.0000

214.9804, 0.3030,

 0.0000, 0.0000,

0.3588

0.0000

261.0006, 0.3037,
0.3568

■ 32.4491, 0.2935,
0.3870

■ 32.4491, 0.2935,
0.3870

■ 31.1714, 0.2884,
0.4091

■ 33.9607, 0.2992,
0.3667

■ 30.1117, 0.2842,
0.4326

■ 35.7131, 0.3053,
0.3484

■ 29.2583, 0.2812,
0.4570

■ 37.7180, 0.3115,
0.3320

■ 28.5968, 0.2797,
0.4816

■ 39.9851, 0.3177,
0.3174

■ 28.1109, 0.2799,
0.5053

■ 42.5235, 0.3237,
0.3047

■ 27.7813, 0.2819,
0.5272

■ 45.3420, 0.3296,
0.2935

■ 27.5953, 0.2842,
0.5432

■ 48.4488, 0.3351,
0.2837

■ 51.8521, 0.3404,
0.2752

■ 54.1290, 0.3390,
0.2665

Harmonies

Analogous

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



32.4491, 0.3368, 0.4070



32.4491, 0.2935, 0.3870



32.4491, 0.2571, 0.3478

Triad

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



32.4491, 0.2935, 0.3870



32.4491, 0.2509, 0.2595



32.4491, 0.3960, 0.3432

Complementary

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



32.4491, 0.2935, 0.3870



22.0235, 0.3389, 0.2775

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.



32.4491, 0.3698, 0.3085



32.4491, 0.2935, 0.3870



32.4491, 0.2844, 0.2621

Square

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



32.4491, 0.2935, 0.3870



32.4491, 0.2340, 0.2741



32.4491, 0.3279, 0.2797



32.4491, 0.3976, 0.3770

Rectangle

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



32.4491, 0.2935, 0.3870



32.4491, 0.2410, 0.3189



32.4491, 0.3279, 0.2797



32.4491, 0.3897, 0.3313

Sweetspot

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



32.4504, 0.2935, 0.3870



65.4131, 0.3064, 0.3453



34.7117, 0.3410, 0.4120



14.5337, 0.3056, 0.3477



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



32.4504, 0.2935, 0.3870



57.2733, 0.2899, 0.4018



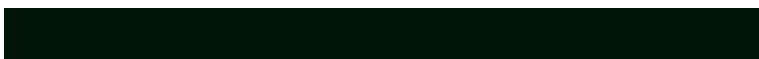
33.2555, 0.2737, 0.3419



8.4505, 0.3069, 0.3438



21.4053, 0.2838, 0.5415



0.5306, 0.2644, 0.4718

Inverse Universe

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



22.0235, 0.3389, 0.2775



35.4687, 0.3463, 0.2664



21.2955, 0.3730, 0.3167



7.6203, 0.3190, 0.3146



7.1114, 0.4347, 0.2168



0.1823, 0.3887, 0.1915

Previews

White Background



This preview shows how the Yxy color 32.4491, 0.2935, 0.3870 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 32.4491, 0.2935, 0.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

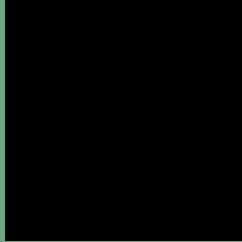
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.4491, 0.2935, 0.3870

Background



This preview shows how black text looks on a background with the Yxy color 32.4491, 0.2935, 0.3870.



This preview shows how white text looks on a background with the Yxy color 32.4491, 0.2935, 0.3870.

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

32.4491, 0.2935, 0.3870

Protanopia

32.0754, 0.3491, 0.3701

Deuteranopia

32.0713, 0.3535, 0.3466



Tritanopia

32.2237, 0.2679, 0.3084

Trichromacy



Original Color

32.4491, 0.2935, 0.3870

Protanomaly

32.0320, 0.3272, 0.3770

Deuteranomaly

31.8674, 0.3283, 0.3603

Tritanomaly

32.1608, 0.2770, 0.3354

Monochromacy



Original Color

32.4491, 0.2935, 0.3870

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

29.7739, 0.3049, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.4491, 0.2935, 0.3870 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(113, 166, 132)` looks like.

```
.text, #text, p{  
    color:rgb(113, 166, 132)  
}
```

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(113, 166, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 166, 132) }
```

Border

The CSS property to change the border of an element to Yxy 32.4491, 0.2935, 0.3870 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(113, 166, 132) }
```

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

```
.border{ border-color:rgb(113, 166, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 166, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 166, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 166, 132);  
box-shadow:4px 4px 4px 4px rgb(113, 166,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 32.4491, 0.2935, 0.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 166, 132) }
```

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

```
.background{ background-color: rgb(113,  
166, 132) }
```

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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