

Converting Colors

$Yxy(32.3922, 0.3684, 0.4475)$

Have a look what the booklet for
Yxy(32.3922, 0.3684, 0.4475)
contains.

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Color

Yxy(32.5194, 0.3688, 0.4485)

Conversions

Conversions Part 1

Format	Color
Hex	95A154
RGB	149, 161, 84
RGB Percent	58%, 63%, 33%
CMY	0.4156, 0.3686, 0.6707
CMYK	0.07, 0.00, 0.48, 0.37
HSL	69°, 31%, 48%
HSV	69°, 48%, 63%
XYZ	26.7406, 32.5194, 13.2470
YIQ	148.6340, 17.5650, -26.4910

Conversions

Conversions Part 2

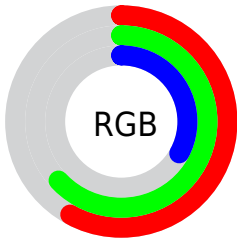
Format	Color
RYB	84, 161, 96
Decimal	9806164
CIELab	63.77, -16.21, 38.43
CIELCh	64, 41.710, 112.866
Yxy	32.5194, 0.3688, 0.4485
Android (android.graphics.Color)	4287996244 (0xFF95A154)
YUV	148.6340, -31.8646, 0.3210
Hunter-Lab	57.0258, -16.0927, 26.1450

Details

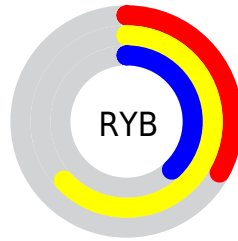
The Yxy color **32.5194, 0.3688, 0.4485** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **11.3922, 0.2365, 0.1869**, and the grayscale version is **30.0242, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.6984, 0.3591, 0.4249**, and **13.7600, 0.3803, 0.4889** is the 20% darker color. If you saturate the color by 10%, you get **32.0639, 0.3780, 0.4710**, and if you desaturate by 10%, it is **33.0409, 0.3581, 0.4240**.

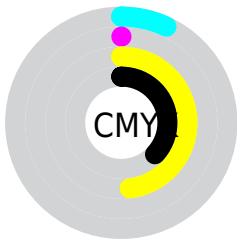
Distribution



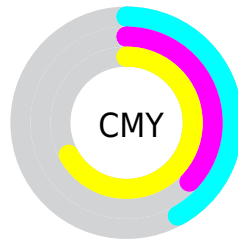
- Red (58%)
- Green (63%)
- Blue (33%)



- Red (33%)
- Yellow (63%)
- Blue (38%)



- Cyan (7%)
- Magenta (0%)
- Yellow (48%)
- Black (37%)





- Cyan (42%)
- Magenta (37%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.5194, 0.3688, 0.4485 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 32.5194, 0.3688, 0.4485 by changing the saturation by 10% instead.


 32.5194, 0.3688,
0.4485


 32.5194, 0.3688,
0.4485


313.4785, 0.3415,
0.3842


 21.7585, 0.3747,
0.4655


 63.6245, 0.3594,
0.4243


 13.6796, 0.3814,
0.4877


 84.7374, 0.3556,
0.4154


 7.8981, 0.3882,
0.5170


 110.0699, 0.3524,
0.4080

 4.0298, 0.4032,
0.5715

 140.0063, 0.3497,
0.4018

 1.6903, 0.3880,
0.6120

 174.9309, 0.3472,
0.3965

 0.4173, 0.0024,
0.9976

215.2283, 0.3451,

 0.0000, 0.0000,

0.3918

0.0000

261.2827, 0.3432,
0.3878

■ 32.5194, 0.3688,
0.4485

■ 32.5194, 0.3688,
0.4485

■ 32.0639, 0.3780,
0.4710

■ 33.0409, 0.3581,
0.4240

■ 31.6660, 0.3852,
0.4906

■ 33.6276, 0.3465,
0.3985

■ 31.3224, 0.3900,
0.5063

■ 34.2844, 0.3343,
0.3729


■ 31.0280, 0.3923,
0.5177

■ 35.0144, 0.3221,
0.3479

■ 30.7734, 0.3925,
0.5252

■ 35.8207, 0.3102,
0.3240

 30.7207, 0.3924,
0.5266

 36.7058, 0.2987,
0.3016

 37.6726, 0.2879,
0.2808

 38.7234, 0.2778,
0.2618

 39.8606, 0.2685,
0.2445

Harmonies

Analogous

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



32.5194, 0.4201, 0.4226



32.5194, 0.3688, 0.4485



32.5194, 0.3054, 0.4359

Triad

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



32.5194, 0.3688, 0.4485



32.5194, 0.1969, 0.2603



32.5194, 0.3762, 0.2814

Complementary

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



32.5194, 0.3688, 0.4485



11.3922, 0.2365, 0.1869

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.



32.5194, 0.3091, 0.2465



32.5194, 0.3688, 0.4485



32.5194, 0.2109, 0.2323

Square

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



32.5194, 0.3688, 0.4485



32.5194, 0.2090, 0.3138



32.5194, 0.2496, 0.2287



32.5194, 0.4277, 0.3275

Rectangle

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



32.5194, 0.3688, 0.4485



32.5194, 0.2649, 0.4034



32.5194, 0.2496, 0.2287



32.5194, 0.3543, 0.2682

Sweetspot

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



32.5209, 0.3688, 0.4485



61.8529, 0.3299, 0.3638



16.4950, 0.4310, 0.3479



13.5084, 0.3324, 0.3689



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.5209, 0.3688, 0.4485



57.4059, 0.3782, 0.4715



29.5045, 0.3297, 0.4656



8.1812, 0.3239, 0.3514



24.5496, 0.3926, 0.5264



0.5299, 0.4030, 0.5182

Inverse Universe

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



11.3922, 0.2365, 0.1869



15.1228, 0.2169, 0.1532



13.9797, 0.2825, 0.2032



6.9104, 0.3010, 0.3059



2.2328, 0.1576, 0.0642



0.0611, 0.1844, 0.0789

Previews

White Background



This preview shows how the Yxy color 32.5194, 0.3688, 0.4485 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 32.5194, 0.3688, 0.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

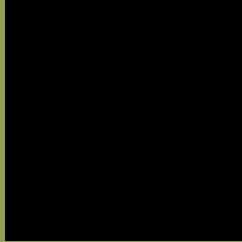
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.5194, 0.3688, 0.4485

Background



This preview shows how black text looks on a background with the Yxy color 32.5194, 0.3688, 0.4485.



This preview shows how white text looks on a background with the Yxy color 32.5194, 0.3688, 0.4485.

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

32.5194, 0.3688, 0.4485

Protanopia

32.2664, 0.3977, 0.4327

Deuteranopia

32.2469, 0.4182, 0.4100



Tritanopia

32.4059, 0.3076, 0.3112

Trichromacy



Original Color

32.5194, 0.3688, 0.4485

Protanomaly

32.4199, 0.3860, 0.4388

Deuteranomaly

32.1270, 0.4001, 0.4233

Tritanomaly

32.1605, 0.3314, 0.3600

Monochromacy



Original Color

32.5194, 0.3688, 0.4485

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.6527, 0.3352, 0.3738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.5194, 0.3688, 0.4485 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(149, 161, 84)` looks like.

```
.text, #text, p{  
    color:rgb(149, 161, 84)  
}
```

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(149, 161, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 161, 84) }
```

Border

The CSS property to change the border of an element to Yxy 32.5194, 0.3688, 0.4485 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(149, 161, 84) }
```

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

```
.border{ border-color:rgb(149, 161, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(149, 161, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 161, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 161, 84);  
box-shadow:4px 4px 4px 4px rgb(149, 161,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 32.5194, 0.3688, 0.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 161, 84) }
```

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

```
.background{ background-color: rgb(149,  
161, 84) }
```

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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