

Converting Colors

$Yxy(33.0561, 0.3203, 0.4205)$

Have a look what the booklet for
Yxy(33.0561, 0.3203, 0.4205)
contains.

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Color

Yxy(33.1673, 0.3199, 0.4211)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 7DA770 |
| RGB | 125, 167, 112 |
| RGB Percent | 49%, 65%, 44% |
| CMY | 0.5099, 0.3451, 0.5608 |
| CMYK | 0.25, 0.00, 0.33, 0.35 |
| HSL | 106°, 24%, 55% |
| HSV | 106°, 33%, 65% |
| XYZ | 25.1964, 33.1673, 20.3997 |
| YIQ | 148.1720, -7.3770, -26.0090 |

Conversions

Conversions Part 2

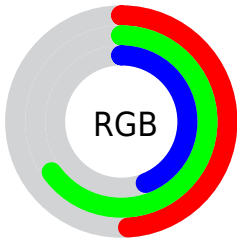
| Format | Color |
|-------------------------------------|--|
| RYB | 112, 167, 154 |
| Decimal | 8234864 |
| CIELab | 64.30, -24.91, 24.00 |
| CIELCh | 64, 34.589, 136.064 |
| Yxy | 33.1673, 0.3199, 0.4211 |
| Android (android.graphics.Color) | 4286424944 (0xFF7DA770) |
| YUV | 148.1720, -17.8328, -20.3218 |
| Hunter-Lab | 57.5911, -22.6895, 19.3122 |

Details

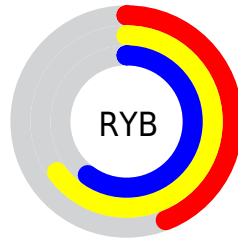
The Yxy color **33.1673, 0.3199, 0.4211** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.2502, 0.3013, 0.2453**, and the grayscale version is **29.7655, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5066, 0.3198, 0.4012**, and **14.0762, 0.3196, 0.4566** is the 20% darker color. If you saturate the color by 10%, you get **31.9313, 0.3211, 0.4535**, and if you desaturate by 10%, it is **34.5986, 0.3181, 0.3903**.

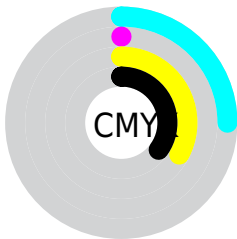
Distribution



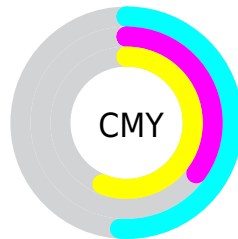
- Red (49%)
- Green (65%)
- Blue (44%)



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



- Cyan (25%)
- Magenta (0%)
- Yellow (33%)
- Black (35%)





- Cyan (51%)
- Magenta (35%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1673, 0.3199, 0.4211 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 33.1673, 0.3199, 0.4211 by changing the saturation by 10% instead.


 33.1673, 0.3199,
0.4211


 33.1673, 0.3199,
0.4211


316.4029, 0.3174,
0.3704

 22.2546, 0.3200,
0.4355


 64.6366, 0.3193,
0.4015


 14.0441, 0.3196,
0.4550


 85.9621, 0.3190,
0.3944

 8.1514, 0.3182,
0.4829


 111.5273, 0.3187,
0.3887

 4.1920, 0.3140,
0.5256

 141.7166, 0.3184,
0.3838

 1.7815, 0.3294,
0.6539

176.9144, 0.3181,
0.3797

 0.4756, 0.0000,
1.0000

217.5052, 0.3179,

 0.0000, 0.0000,

0.3762

0.0000

263.8732, 0.3176,
0.3731

■ 33.1673, 0.3199,
0.4211

■ 33.1673, 0.3199,
0.4211

■ 31.9313, 0.3211,
0.4535

■ 34.5986, 0.3181,
0.3903

■ 30.8777, 0.3215,
0.4863

■ 36.2289, 0.3159,
0.3618

■ 29.9990, 0.3208,
0.5178


■ 38.0670, 0.3135,
0.3361


■ 29.2851, 0.3190,
0.5458


■ 40.1201, 0.3109,
0.3131

■ 28.7248, 0.3161,
0.5685

■ 42.3949, 0.3084,
0.2928


 28.3056, 0.3122,
0.5844

 44.8979, 0.3059,
0.2749

 28.0806, 0.3095,
0.5924

 47.6352, 0.3036,
0.2593

 50.6128, 0.3013,
0.2456

 53.3573, 0.3046,
0.2399

Harmonies

Analogous

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



33.1673, 0.3716, 0.4252



33.1673, 0.3199, 0.4211



33.1673, 0.2688, 0.3841

Triad

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



33.1673, 0.3199, 0.4211



33.1673, 0.2224, 0.2518



33.1673, 0.3999, 0.3195

Complementary

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



33.1673, 0.3199, 0.4211



21.2502, 0.3013, 0.2453

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.



33.1673, 0.3532, 0.2815



33.1673, 0.3199, 0.4211



33.1673, 0.2511, 0.2434

Square

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



33.1673, 0.3199, 0.4211



33.1673, 0.2155, 0.2813



33.1673, 0.2979, 0.2545



33.1673, 0.4207, 0.3620

Rectangle

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



33.1673, 0.3199, 0.4211



33.1673, 0.2418, 0.3482



33.1673, 0.2979, 0.2545



33.1673, 0.3865, 0.3060

Sweetspot

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



33.1687, 0.3199, 0.4211



65.7455, 0.3152, 0.3544



32.2529, 0.3672, 0.3909



14.6164, 0.3156, 0.3580



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.



33.1687, 0.3199, 0.4211



57.6411, 0.3209, 0.4462



32.5856, 0.2976, 0.3998



8.4900, 0.3150, 0.3521



21.5036, 0.3101, 0.5920



0.5456, 0.3336, 0.5733

Inverse Universe

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



21.2502, 0.3013, 0.2453



32.7520, 0.2976, 0.2250



22.1113, 0.3326, 0.2674



7.5762, 0.3101, 0.3065



5.6472, 0.2629, 0.1222



0.1585, 0.2832, 0.1334

Previews

White Background



This preview shows how the Yxy color 33.1673, 0.3199, 0.4211 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 33.1673, 0.3199, 0.4211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

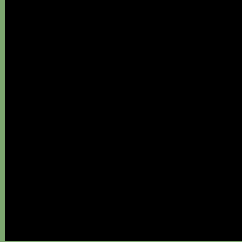
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.1673, 0.3199, 0.4211

Background



This preview shows how black text looks on a background with the Yxy color 33.1673, 0.3199, 0.4211.



This preview shows how white text looks on a background with the Yxy color 33.1673, 0.3199, 0.4211.

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

33.1673, 0.3199, 0.4211

Protanopia

32.8291, 0.3723, 0.4004

Deuteranopia

32.8231, 0.3827, 0.3758



Tritanopia

32.9257, 0.2800, 0.3089

Trichromacy



Original Color

33.1673, 0.3199, 0.4211

Protanomaly

32.5758, 0.3515, 0.4074

Deuteranomaly

32.6961, 0.3577, 0.3914

Tritanomaly

32.8680, 0.2944, 0.3482

Monochromacy



Original Color

33.1673, 0.3199, 0.4211

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.7674, 0.3161, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1673, 0.3199, 0.4211 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(125, 167, 112)` looks like.

```
.text, #text, p{  
    color:rgb(125, 167, 112)  
}
```

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(125, 167, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 167, 112) }
```

Border

The CSS property to change the border of an element to Yxy 33.1673, 0.3199, 0.4211 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(125, 167, 112) }
```

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

```
.border{ border-color:rgb(125, 167, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(125, 167, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 167, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 167, 112);  
box-shadow:4px 4px 4px 4px rgb(125, 167,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1673, 0.3199, 0.4211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 167, 112) }
```

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

```
.background{ background-color: rgb(125,  
167, 112) }
```

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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