

Converting Colors

Yxy(33.2736, 0.3244, 0.4136)

Have a look what the booklet for
Yxy(33.2736, 0.3244, 0.4136)
contains.

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Color

Yxy(33.3929, 0.3251, 0.4145)

Conversions

Conversions Part 1

Format	Color
Hex	84A672
RGB	132, 166, 114
RGB Percent	52%, 65%, 45%
CMY	0.4823, 0.3490, 0.5530
CMYK	0.20, 0.00, 0.31, 0.35
HSL	99°, 23%, 55%
HSV	99°, 31%, 65%
XYZ	26.1907, 33.3929, 20.9783
YIQ	149.9060, -3.5720, -23.3800

Conversions

Conversions Part 2

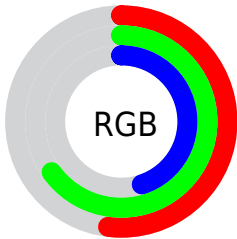
Format	Color
RYB	114, 166, 148
Decimal	8693362
CIELab	64.48, -21.52, 23.24
CIELCh	64, 31.675, 132.799
Yxy	33.3929, 0.3251, 0.4145
Android (android.graphics.Color)	4286883442 (0xFF84A672)
YUV	149.9060, -17.7017, -15.7036
Hunter-Lab	57.7866, -20.2248, 18.9265

Details

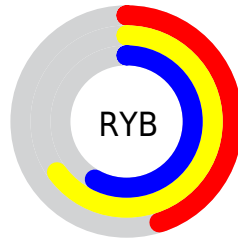
The Yxy color **33.3929, 0.3251, 0.4145** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.0755, 0.2953, 0.2479**, and the grayscale version is **30.5365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.9052, 0.3237, 0.3965**, and **14.1656, 0.3268, 0.4466** is the 20% darker color. If you saturate the color by 10%, you get **32.2207, 0.3280, 0.4456**, and if you desaturate by 10%, it is **34.7275, 0.3215, 0.3849**.

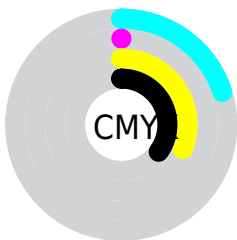
Distribution



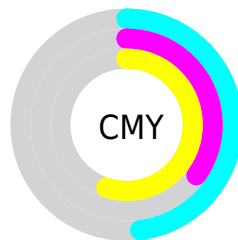
- Red (52%)
- Green (65%)
- Blue (45%)



- Red (45%)
- Yellow (65%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (31%)
- Black (35%)





- Cyan (48%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.3929, 0.3251, 0.4145 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 33.3929, 0.3251, 0.4145 by changing the saturation by 10% instead.


 33.3929, 0.3251,
0.4145


 33.3929, 0.3251,
0.4145


317.4165, 0.3196,
0.3677


 22.4276, 0.3261,
0.4276


 64.9885, 0.3234,
0.3964


 14.1714, 0.3269,
0.4454


 86.3875, 0.3226,
0.3900

 8.2400, 0.3274,
0.4708

 112.0333, 0.3220,
0.3846

 4.2489, 0.3261,
0.5093

 142.3101, 0.3214,
0.3802

 1.8137, 0.3426,
0.6165

177.6025, 0.3209,
0.3763

 0.4957, 0.0000,
1.0000

218.2947, 0.3204,

 0.0000, 0.0000,

0.3730

0.0000

264.7713, 0.3200,
0.3702

■ 33.3929, 0.3251,
0.4145

■ 33.3929, 0.3251,
0.4145

■ 32.2207, 0.3280,
0.4456

■ 34.7275, 0.3215,
0.3849

■ 31.2000, 0.3300,
0.4770

■ 36.2262, 0.3175,
0.3573

■ 30.3253, 0.3306,
0.5073

■ 37.8962, 0.3133,
0.3322

■ 29.5891, 0.3298,
0.5347


■ 39.7430, 0.3091,
0.3096

■ 28.9830, 0.3272,
0.5575

■ 41.7717, 0.3050,
0.2894


 28.4974, 0.3231,
0.5744

 43.9873, 0.3010,
0.2715

 28.1593, 0.3190,
0.5849

 46.3946, 0.2973,
0.2557

 48.9982, 0.2937,
0.2418

 51.2509, 0.2964,
0.2367

Harmonies

Analogous

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



33.3929, 0.3716, 0.4157



33.3929, 0.3251, 0.4145



33.3929, 0.2774, 0.3838

Triad

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



33.3929, 0.3251, 0.4145



33.3929, 0.2278, 0.2602



33.3929, 0.3886, 0.3165

Complementary

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



33.3929, 0.3251, 0.4145



21.0755, 0.2953, 0.2479

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.



33.3929, 0.3445, 0.2820



33.3929, 0.3251, 0.4145



33.3929, 0.2524, 0.2501

Square

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



33.3929, 0.3251, 0.4145



33.3929, 0.2237, 0.2899



33.3929, 0.2941, 0.2583



33.3929, 0.4107, 0.3557

Rectangle

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



33.3929, 0.3251, 0.4145



33.3929, 0.2513, 0.3522



33.3929, 0.2941, 0.2583



33.3929, 0.3756, 0.3042

Sweetspot

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



33.3943, 0.3251, 0.4145



66.3777, 0.3166, 0.3516



30.4366, 0.3665, 0.3805



14.7620, 0.3172, 0.3553



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.



33.3943, 0.3251, 0.4145



59.0102, 0.3273, 0.4373



32.2485, 0.3023, 0.4050



8.5295, 0.3166, 0.3520



21.8599, 0.3196, 0.5844



0.5602, 0.3472, 0.5625

Inverse Universe

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



21.0755, 0.2953, 0.2479



32.8685, 0.2900, 0.2277



22.6127, 0.3252, 0.2633



7.5345, 0.3084, 0.3064



4.6548, 0.2366, 0.1077



0.1400, 0.2655, 0.1236

Previews

White Background



This preview shows how the Yxy color 33.3929, 0.3251, 0.4145 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 33.3929, 0.3251, 0.4145 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

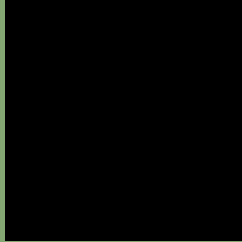
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3929, 0.3251, 0.4145

Background



This preview shows how black text looks on a background with the Yxy color 33.3929, 0.3251, 0.4145.



This preview shows how white text looks on a background with the Yxy color 33.3929, 0.3251, 0.4145.

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

33.3929, 0.3251, 0.4145

Protanopia

33.2276, 0.3690, 0.3974

Deuteranopia

33.3110, 0.3812, 0.3741



Tritanopia

33.3993, 0.2859, 0.3107

Trichromacy



Original Color

33.3929, 0.3251, 0.4145

Protanomaly

33.2579, 0.3525, 0.4049

Deuteranomaly

33.0606, 0.3590, 0.3877

Tritanomaly

33.4459, 0.3007, 0.3479

Monochromacy



Original Color

33.3929, 0.3251, 0.4145

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

31.4227, 0.3172, 0.3594

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3929, 0.3251, 0.4145 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(132, 166, 114)` looks like.

```
.text, #text, p{  
    color:rgb(132, 166, 114)  
}
```

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(132, 166, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 166, 114) }
```

Border

The CSS property to change the border of an element to Yxy 33.3929, 0.3251, 0.4145 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(132, 166, 114) }
```

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

```
.border{ border-color:rgb(132, 166, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 166, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 166, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 166, 114);  
box-shadow:4px 4px 4px 4px rgb(132, 166,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3929, 0.3251, 0.4145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 166, 114) }
```

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

```
.background{ background-color: rgb(132,  
166, 114) }
```

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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