

Converting Colors

Yxy(33.4710, 0.3243, 0.4360)

Have a look what the booklet for
Yxy(33.4710, 0.3243, 0.4360)
contains.

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Color

Yxy(33.6809, 0.3242, 0.4359)

Conversions

Conversions Part 1

Format	Color
Hex	7CA969
RGB	124, 169, 105
RGB Percent	49%, 66%, 41%
CMY	0.5137, 0.3372, 0.5884
CMYK	0.27, 0.00, 0.38, 0.34
HSL	102°, 27%, 54%
HSV	102°, 38%, 66%
XYZ	25.0501, 33.6809, 18.5365
YIQ	148.2490, -6.2760, -29.4440

Conversions

Conversions Part 2

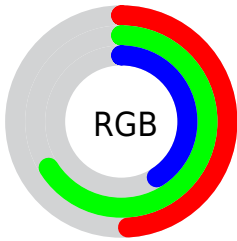
Format	Color
RYB	105, 169, 150
Decimal	8169833
CIELab	64.71, -27.31, 28.31
CIElCh	65, 39.332, 133.971
Yxy	33.6809, 0.3242, 0.4359
Android (android.graphics.Color)	4286359913 (0xFF7CA969)
YUV	148.2490, -21.3218, -21.2664
Hunter-Lab	58.0352, -24.5146, 21.6874

Details

The Yxy color **33.6809, 0.3242, 0.4359** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **19.4414, 0.2943, 0.2309**, and the grayscale version is **29.8171, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2106, 0.3232, 0.4125**, and **14.4345, 0.3237, 0.4745** is the 20% darker color. If you saturate the color by 10%, you get **32.5366, 0.3258, 0.4680**, and if you desaturate by 10%, it is **35.0037, 0.3217, 0.4047**.

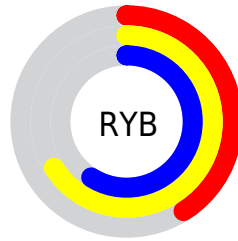
Distribution



Red (49%)

Green (66%)

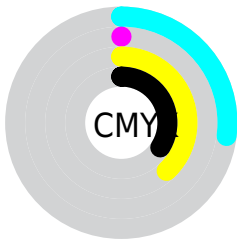
Blue (41%)



Red (41%)

Yellow (66%)

Blue (59%)

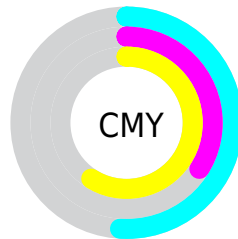


Cyan (27%)

Magenta (0%)

Yellow (38%)

Black (34%)



Cyan (51%)


Magenta (34%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.6809, 0.3242, 0.4359 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 33.6809, 0.3242, 0.4359 by changing the saturation by 10% instead.

 33.6809, 0.3242,
0.4359


 33.6809, 0.3242,
0.4359


318.7068, 0.3199,
0.3770

 22.6486, 0.3245,
0.4525


 65.4371, 0.3231,
0.4131


 14.3342, 0.3243,
0.4749


 86.9298, 0.3226,
0.4050

 8.3535, 0.3227,
0.5067


 112.6781, 0.3220,
0.3983

 4.3220, 0.3173,
0.5545

 143.0663, 0.3215,
0.3927

 1.8552, 0.3221,
0.6779

178.4789, 0.3211,
0.3879

 0.5213, 0.0000,
1.0000

219.3003, 0.3206,

 0.0000, 0.0000,

0.3837

0.0000

265.9148, 0.3203,
0.3802

■ 33.6809, 0.3242,
0.4359

■ 33.6809, 0.3242,
0.4359

■ 32.5366, 0.3258,
0.4680

■ 35.0037, 0.3217,
0.4047

■ 31.5586, 0.3264,
0.4996

■ 36.5079, 0.3187,
0.3754

■ 30.7398, 0.3256,
0.5289


■ 38.2020, 0.3154,
0.3484

■ 30.0707, 0.3233,
0.5540


■ 40.0925, 0.3120,
0.3241

■ 29.5409, 0.3197,
0.5732

■ 42.1857, 0.3085,
0.3024

 29.1355, 0.3152,
0.5862

 44.4873, 0.3052,
0.2831

 29.0618, 0.3143,
0.5886

 47.0032, 0.3019,
0.2662

 49.7388, 0.2988,
0.2513

 52.5652, 0.2975,
0.2400

Harmonies

Analogous

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



33.6809, 0.3818, 0.4365



33.6809, 0.3242, 0.4359



33.6809, 0.2664, 0.3958

Triad

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



33.6809, 0.3242, 0.4359



33.6809, 0.2106, 0.2437



33.6809, 0.4085, 0.3145

Complementary

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



33.6809, 0.3242, 0.4359



19.4414, 0.2943, 0.2309

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.



33.6809, 0.3539, 0.2733



33.6809, 0.3242, 0.4359



33.6809, 0.2406, 0.2335

Square

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



33.6809, 0.3242, 0.4359



33.6809, 0.2046, 0.2777



33.6809, 0.2915, 0.2445



33.6809, 0.4343, 0.3614

Rectangle

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



33.6809, 0.3242, 0.4359



33.6809, 0.2356, 0.3549



33.6809, 0.2915, 0.2445



33.6809, 0.3926, 0.2998

Sweetspot

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



33.6823, 0.3242, 0.4359



67.3736, 0.3166, 0.3570



31.2011, 0.3780, 0.3960



14.5985, 0.3170, 0.3605



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.



33.6823, 0.3242, 0.4359



58.6717, 0.3256, 0.4613



32.6809, 0.2979, 0.4185



8.5119, 0.3159, 0.3520



21.6837, 0.3150, 0.5881



0.5537, 0.3413, 0.5672

Inverse Universe

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



19.4414, 0.2943, 0.2309



29.6520, 0.2890, 0.2099



20.9390, 0.3325, 0.2538



7.5529, 0.3092, 0.3064



5.0725, 0.2481, 0.1140



0.1480, 0.2733, 0.1279

Previews

White Background



This preview shows how the Yxy color 33.6809, 0.3242, 0.4359 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 33.6809, 0.3242, 0.4359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

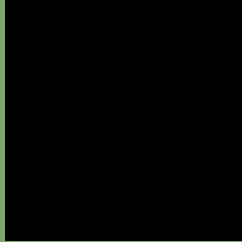
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.6809, 0.3242, 0.4359

Background



This preview shows how black text looks on a background with the Yxy color 33.6809, 0.3242, 0.4359.



This preview shows how white text looks on a background with the Yxy color 33.6809, 0.3242, 0.4359.

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

33.6809, 0.3242, 0.4359

Protanopia

33.2431, 0.3805, 0.4111

Deuteranopia

33.3559, 0.3926, 0.3861



Tritanopia

33.6966, 0.2786, 0.3091

Trichromacy



Original Color

33.6809, 0.3242, 0.4359

Protanomaly

33.2214, 0.3580, 0.4206

Deuteranomaly

32.9832, 0.3650, 0.4031

Tritanomaly

33.5461, 0.2953, 0.3530

Monochromacy



Original Color

33.6809, 0.3242, 0.4359

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

30.9318, 0.3178, 0.3681

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.6809, 0.3242, 0.4359 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(124, 169, 105)` looks like.

```
.text, #text, p{  
    color:rgb(124, 169, 105)  
}
```

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(124, 169, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 169, 105) }
```

Border

The CSS property to change the border of an element to Yxy 33.6809, 0.3242, 0.4359 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(124, 169, 105) }
```

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

```
.border{ border-color:rgb(124, 169, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 169, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 169, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 169, 105);  
box-shadow:4px 4px 4px 4px rgb(124, 169,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 33.6809, 0.3242, 0.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 169, 105) }
```

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

```
.background{ background-color: rgb(124,  
169, 105) }
```

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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