

Converting Colors

$Yxy(33.4090, 0.3757, 0.4245)$

Have a look what the booklet for
Yxy(33.4090, 0.3757, 0.4245)
contains.

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Color

Yxy(33.4090, 0.3757, 0.4245)

Conversions

Conversions Part 1

Format	Color
Hex	A39F5F
RGB	163, 159, 95
RGB Percent	64%, 62%, 37%
CMY	0.3608, 0.3765, 0.6273
CMYK	0.00, 0.02, 0.42, 0.36
HSL	56°, 27%, 51%
HSV	56°, 42%, 64%
XYZ	29.5683, 33.4090, 15.7247
YIQ	152.9000, 22.9280, -19.0560

Conversions

Conversions Part 2

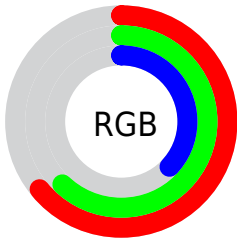
Format	Color
R_{YB}	99, 163, 95
Decimal	10723167
CIE Lab	64.49, -8.15, 33.85
CIE LCh	64, 34.814, 103.540
Yxy	33.4090, 0.3757, 0.4245
Android (android.graphics.Color)	4288913247 (0xFFA39F5F)
YUV	152.9000, -28.5447, 8.8577
Hunter-Lab	57.8005, -9.8377, 24.3305

Details

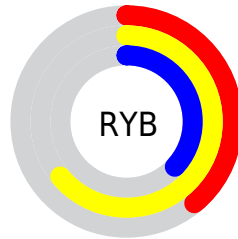
The Yxy color **33.4090, 0.3757, 0.4245** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0075, 0.2382, 0.2112**, and the grayscale version is **31.9301, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.2285, 0.3644, 0.4067**, and **14.2454, 0.3926, 0.4545** is the 20% darker color. If you saturate the color by 10%, you get **32.8164, 0.3898, 0.4451**, and if you desaturate by 10%, it is **34.0692, 0.3606, 0.4021**.

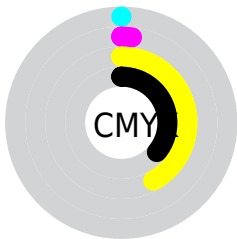
Distribution



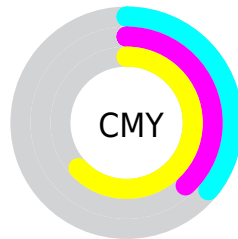
- Red (64%)
- Green (62%)
- Blue (37%)



- Red (39%)
- Yellow (64%)
- Blue (37%)



- Cyan (0%)
- Magenta (2%)
- Yellow (42%)
- Black (36%)





- Cyan (36%)
- Magenta (38%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.4090, 0.3757, 0.4245 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 33.4090, 0.3757, 0.4245 by changing the saturation by 10% instead.


 33.4090, 0.3757,
0.4245


 33.4090, 0.3757,
0.4245


317.4887, 0.3438,
0.3740

 22.4399, 0.3834,
0.4376


 65.0136, 0.3642,
0.4057

 14.1805, 0.3928,
0.4546


 86.4178, 0.3599,
0.3987

 8.2463, 0.4044,
0.4770


 112.0693, 0.3561,
0.3929

 4.2530, 0.4199,
0.5099

 142.3524, 0.3530,
0.3880

 1.8161, 0.4396,
0.5604

177.6515, 0.3502,
0.3838

 0.4972, 0.3549,
0.6451

218.3510, 0.3478,

 0.0000, 0.0000,

0.3801

0.0000

264.8353, 0.3457,
0.3769

■ 33.4090, 0.3757,
0.4245

■ 33.4090, 0.3757,
0.4245

■ 32.8164, 0.3898,
0.4451

■ 34.0692, 0.3606,
0.4021

■ 32.2830, 0.4025,
0.4631

■ 34.7960, 0.3452,
0.3789

■ 31.8059, 0.4130,
0.4775

■ 35.5943, 0.3299,
0.3555

■ 31.3802, 0.4212,
0.4879

■ 36.4671, 0.3151,
0.3328

■ 30.9999, 0.4267,
0.4941

■ 37.4173, 0.3011,
0.3110

■ 30.7075, 0.4298,
0.4969

■ 38.4476, 0.2881,
0.2905

■ 39.5607, 0.2760,
0.2715

■ 40.7590, 0.2650,
0.2540

■ 42.0449, 0.2549,
0.2381

Harmonies

Analogous

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



33.4090, 0.4118, 0.3983



33.4090, 0.3757, 0.4245



33.4090, 0.3245, 0.4232

Triad

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



33.4090, 0.3757, 0.4245



33.4090, 0.2156, 0.2846



33.4090, 0.3488, 0.2785

Complementary

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



33.4090, 0.3757, 0.4245



14.0075, 0.2382, 0.2112

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.



33.4090, 0.2934, 0.2526



33.4090, 0.3757, 0.4245



33.4090, 0.2206, 0.2531

Square

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



33.4090, 0.3757, 0.4245



33.4090, 0.2336, 0.3344



33.4090, 0.2477, 0.2430



33.4090, 0.3971, 0.3160

Rectangle

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



33.4090, 0.3757, 0.4245



33.4090, 0.2890, 0.4033



33.4090, 0.2477, 0.2430



33.4090, 0.3301, 0.2683

Sweetspot

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



33.4105, 0.3757, 0.4245



63.5217, 0.3323, 0.3591



16.8885, 0.4096, 0.3220



14.1970, 0.3355, 0.3641



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



33.4105, 0.3757, 0.4245



58.8537, 0.3888, 0.4436



32.0504, 0.3429, 0.4410



8.1657, 0.3263, 0.3499



23.8905, 0.4297, 0.4970



0.5219, 0.4256, 0.5003

Inverse Universe

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



14.0075, 0.2382, 0.2112



19.3862, 0.2192, 0.1803



15.1562, 0.2696, 0.2140



6.9236, 0.2987, 0.3072



2.2404, 0.1514, 0.0648



0.0659, 0.1575, 0.0870

Previews

White Background



This preview shows how the Yxy color 33.4090, 0.3757, 0.4245 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 33.4090, 0.3757, 0.4245 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

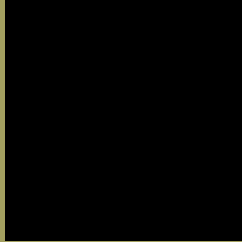
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.4090, 0.3757, 0.4245

Background



This preview shows how black text looks on a background with the Yxy color 33.4090, 0.3757, 0.4245.



This preview shows how white text looks on a background with the Yxy color 33.4090, 0.3757, 0.4245.

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

33.4090, 0.3757, 0.4245

Protanopia

33.2430, 0.3870, 0.4190

Deuteranopia

33.1768, 0.4084, 0.3997



Tritanopia

33.3236, 0.3206, 0.3119

Trichromacy



Original Color

33.4090, 0.3757, 0.4245

Protanomaly

33.2469, 0.3832, 0.4215

Deuteranomaly

33.3303, 0.3969, 0.4092

Tritanomaly

33.1617, 0.3413, 0.3528

Monochromacy



Original Color

33.4090, 0.3757, 0.4245

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.2767, 0.3364, 0.3645

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.4090, 0.3757, 0.4245 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(163, 159, 95)` looks like.

```
.text, #text, p{  
    color:rgb(163, 159, 95)  
}
```

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(163, 159, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 159, 95) }
```

Border

The CSS property to change the border of an element to Yxy 33.4090, 0.3757, 0.4245 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(163, 159, 95) }
```

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

```
.border{ border-color:rgb(163, 159, 95) }
```

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

Here you see how a box with a 4 pixel rgb(163, 159, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 159, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 159, 95);  
box-shadow:4px 4px 4px 4px rgb(163, 159,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 33.4090, 0.3757, 0.4245 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 159, 95) }
```

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

```
.background{ background-color: rgb(163,  
159, 95) }
```

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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