

Converting Colors

$Yxy(37.1791, 0.3833, 0.4592)$

Have a look what the booklet for
Yxy(37.1791, 0.3833, 0.4592)
contains.

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Color

Yxy(37.1920, 0.3834, 0.4592)

Conversions

Conversions Part 1

Format	Color
Hex	A4AA4E
RGB	164, 170, 78
RGB Percent	64%, 67%, 31%
CMY	0.3570, 0.3333, 0.6941
CMYK	0.04, 0.00, 0.54, 0.33
HSL	64°, 37%, 49%
HSV	64°, 54%, 67%
XYZ	31.0527, 37.1920, 12.7483
YIQ	157.7180, 25.9560, -29.8840

Conversions

Conversions Part 2

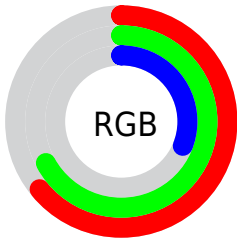
Format	Color
RYB	78, 170, 84
Decimal	10791502
CIELab	67.42, -15.20, 45.99
CIELCh	67, 48.435, 108.295
Yxy	37.1920, 0.3834, 0.4592
Android (android.graphics.Color)	4288981582 (0xFFA4AA4E)
YUV	157.7180, -39.3010, 5.5093
Hunter-Lab	60.9852, -15.8348, 30.2957

Details

The Yxy color **37.1920, 0.3834, 0.4592** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **10.2383, 0.2159, 0.1621**, and the grayscale version is **34.2278, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8343, 0.3724, 0.4340**, and **16.3464, 0.3982, 0.4971** is the 20% darker color. If you saturate the color by 10%, you get **36.8620, 0.3930, 0.4782**, and if you desaturate by 10%, it is **37.5895, 0.3720, 0.4373**.

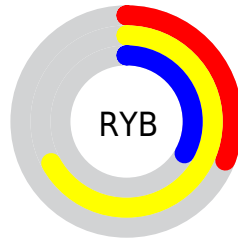
Distribution



Red (64%)

Green (67%)

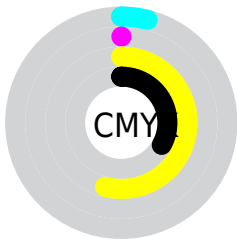
Blue (31%)



Red (31%)

Yellow (67%)

Blue (33%)

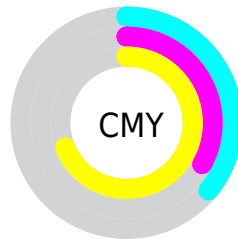


Cyan (4%)

Magenta (0%)

Yellow (54%)

Black (33%)



Cyan (36%)


Magenta (33%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.1920, 0.3834, 0.4592 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 37.1920, 0.3834, 0.4592 by changing the saturation by 10% instead.


 37.1920, 0.3834,
0.4592


 37.1920, 0.3834,
0.4592


334.1410, 0.3500,
0.3916


 25.3562, 0.3903,
0.4760


 70.8680, 0.3722,
0.4345

 16.3426, 0.3978,
0.4969


 93.4769, 0.3676,
0.4252


 9.7669, 0.4052,
0.5233


 120.4457, 0.3637,
0.4174

 5.2447, 0.4202,
0.5700

 152.1588, 0.3602,
0.4107

 2.3915, 0.4048,
0.5952

 189.0004, 0.3572,
0.4050

 0.8215, 0.3328,
0.6672

231.3551, 0.3545,

 0.0000, 0.0000,

0.3999

0.0000

279.6071, 0.3521,
0.3955

■ 37.1920, 0.3834,
0.4592

■ 37.1920, 0.3834,
0.4592

■ 36.8620, 0.3930,
0.4782

■ 37.5895, 0.3720,
0.4373

■ 36.5894, 0.4002,
0.4935

■ 38.0539, 0.3592,
0.4134

■ 36.3702, 0.4050,
0.5046

■ 38.5908, 0.3457,
0.3885

■ 36.1975, 0.4073,
0.5114

■ 39.2040, 0.3319,
0.3634

■ 36.1083, 0.4079,
0.5143

■ 39.8969, 0.3182,
0.3388

■ 40.6729, 0.3050,
0.3154

■ 41.5349, 0.2925,
0.2933

■ 42.4859, 0.2808,
0.2728

■ 43.5287, 0.2700,
0.2540

Harmonies

Analogous

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



37.1920, 0.4370, 0.4240



37.1920, 0.3834, 0.4592



37.1920, 0.3143, 0.4545

Triad

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



37.1920, 0.3834, 0.4592



37.1920, 0.1862, 0.2597



37.1920, 0.3719, 0.2698

Complementary

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



37.1920, 0.3834, 0.4592



10.2383, 0.2159, 0.1621

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.



37.1920, 0.2972, 0.2345



37.1920, 0.3834, 0.4592



37.1920, 0.1972, 0.2255

Square

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



37.1920, 0.3834, 0.4592



37.1920, 0.2032, 0.3223



37.1920, 0.2350, 0.2184



37.1920, 0.4340, 0.3182

Rectangle

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



37.1920, 0.3834, 0.4592



37.1920, 0.2689, 0.4225



37.1920, 0.2350, 0.2184



37.1920, 0.3469, 0.2563

Sweetspot

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



37.1937, 0.3834, 0.4592



70.8627, 0.3349, 0.3688



15.2227, 0.4642, 0.3362



15.7521, 0.3376, 0.3738



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



37.1937, 0.3834, 0.4592



66.7573, 0.3946, 0.4817



33.2565, 0.3390, 0.4815



8.7483, 0.3252, 0.3514



26.5652, 0.4081, 0.5142



0.6536, 0.4120, 0.5110

Inverse Universe

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



10.2383, 0.2159, 0.1621



12.6980, 0.1925, 0.1234



12.9873, 0.2654, 0.1816



7.3233, 0.2996, 0.3057



2.1978, 0.1526, 0.0614



0.0606, 0.1645, 0.0680

Previews

White Background



This preview shows how the Yxy color 37.1920, 0.3834, 0.4592 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 37.1920, 0.3834, 0.4592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

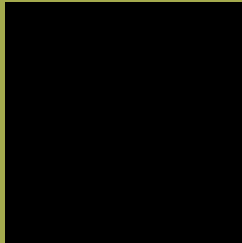
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.1920, 0.3834, 0.4592

Background



This preview shows how black text looks on a background with the Yxy color 37.1920, 0.3834, 0.4592.



This preview shows how white text looks on a background with the Yxy color 37.1920, 0.3834, 0.4592.

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

37.1920, 0.3834, 0.4592

Protanopia

37.0178, 0.4077, 0.4455

Deuteranopia

36.9427, 0.4300, 0.4206



Tritanopia

37.1188, 0.3154, 0.3124

Trichromacy



Original Color

37.1920, 0.3834, 0.4592

Protanomaly

36.9222, 0.3982, 0.4502

Deuteranomaly

36.7752, 0.4124, 0.4338

Tritanomaly

36.9319, 0.3419, 0.3666

Monochromacy



Original Color

37.1920, 0.3834, 0.4592

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.8992, 0.3406, 0.3788

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.1920, 0.3834, 0.4592 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(164, 170, 78)` looks like.

```
.text, #text, p{  
    color:rgb(164, 170, 78)  
}
```

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(164, 170, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 170, 78) }
```

Border

The CSS property to change the border of an element to Yxy 37.1920, 0.3834, 0.4592 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(164, 170, 78) }
```

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

```
.border{ border-color:rgb(164, 170, 78) }
```

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

Here you see how a box with a 4 pixel rgb(164, 170, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 170, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 170, 78);  
box-shadow:4px 4px 4px 4px rgb(164, 170,  
78) }
```


Background

The CSS property to change the background color of an element to Yxy 37.1920, 0.3834, 0.4592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 170, 78) }
```

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

```
.background{ background-color: rgb(164,  
170, 78) }
```

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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