

Converting Colors

Yxy(37.6404, 0.3937, 0.4412)

Have a look what the booklet for
Yxy(37.6404, 0.3937, 0.4412)
contains.

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Color

Yxy(37.6404, 0.3937, 0.4412)

Conversions

Conversions Part 1

Format	Color
Hex	B1A755
RGB	177, 167, 85
RGB Percent	69%, 65%, 33%
CMY	0.3059, 0.3451, 0.6667
CMYK	0.00, 0.06, 0.52, 0.31
HSL	53°, 37%, 51%
HSV	53°, 52%, 69%
XYZ	33.5880, 37.6404, 14.0853
YIQ	160.6420, 32.2820, -23.3820

Conversions

Conversions Part 2

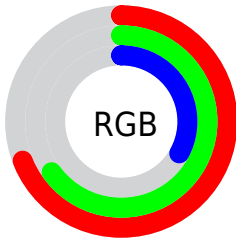
Format	Color
RYB	96, 177, 85
Decimal	11642709
CIELab	67.75, -7.52, 43.25
CIElCh	68, 43.903, 99.856
Yxy	37.6404, 0.3937, 0.4412
Android (android.graphics.Color)	4289832789 (0xFFB1A755)
YUV	160.6420, -37.2915, 14.3460
Hunter-Lab	61.3518, -9.6429, 29.3343

Details

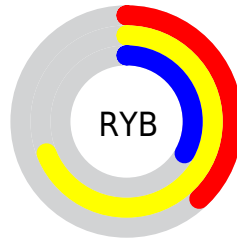
The Yxy color **37.6404, 0.3937, 0.4412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.2830, 0.2179, 0.1835**, and the grayscale version is **35.6305, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.5411, 0.3794, 0.4204**, and **16.5204, 0.4132, 0.4720** is the 20% darker color. If you saturate the color by 10%, you get **36.6966, 0.4076, 0.4585**, and if you desaturate by 10%, it is **38.6685, 0.3785, 0.4213**.

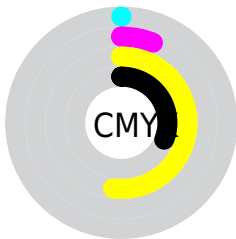
Distribution



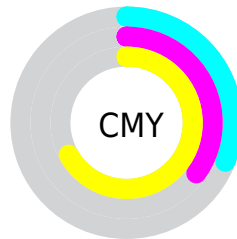
- Red (69%)
- Green (65%)
- Blue (33%)



- Red (38%)
- Yellow (69%)
- Blue (33%)



- Cyan (0%)
- Magenta (6%)
- Yellow (52%)
- Black (31%)





- Cyan (31%)
- Magenta (35%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.6404, 0.3937, 0.4412 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 37.6404, 0.3937, 0.4412 by changing the saturation by 10% instead.


 37.6404, 0.3937,
0.4412


 37.6404, 0.3937,
0.4412


336.0749, 0.3541,
0.3840

 25.7037, 0.4026,
0.4551


 71.5566, 0.3799,
0.4205

 16.6021, 0.4130,
0.4723


 94.3050, 0.3745,
0.4127


 9.9512, 0.4249,
0.4936


 121.4260, 0.3699,
0.4061

 5.3666, 0.4425,
0.5260

 153.3040, 0.3659,
0.4004

 2.4639, 0.4477,
0.5523

 190.3236, 0.3624,
0.3954

 0.8585, 0.4242,
0.5758

232.8689, 0.3593,

 0.0000, 0.0000,

0.3911

0.0000

281.3246, 0.3565,
0.3874

■ 37.6404, 0.3937,
0.4412

■ 37.6404, 0.3937,
0.4412

■ 36.6966, 0.4076,
0.4585

■ 38.6685, 0.3785,
0.4213

■ 35.8265, 0.4195,
0.4723

■ 39.7804, 0.3625,
0.3997

■ 35.0257, 0.4290,
0.4819

■ 40.9825, 0.3464,
0.3773

■ 34.2867, 0.4357,
0.4872

■ 42.2787, 0.3307,
0.3550

■ 33.7270, 0.4397,
0.4891

■ 43.6728, 0.3156,
0.3332

■ 45.1685, 0.3015,
0.3124

■ 46.7691, 0.2884,
0.2930

■ 48.4778, 0.2763,
0.2749

■ 50.2978, 0.2654,
0.2582

Harmonies

Analogous

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



37.6404, 0.4348, 0.4045



37.6404, 0.3937, 0.4412



37.6404, 0.3333, 0.4473

Triad

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



37.6404, 0.3937, 0.4412



37.6404, 0.1987, 0.2805



37.6404, 0.3475, 0.2644

Complementary

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



37.6404, 0.3937, 0.4412



13.2830, 0.2179, 0.1835

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.



37.6404, 0.2812, 0.2362



37.6404, 0.3937, 0.4412



37.6404, 0.2015, 0.2410

Square

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



37.6404, 0.3937, 0.4412



37.6404, 0.2223, 0.3429



37.6404, 0.2298, 0.2272



37.6404, 0.4091, 0.3065

Rectangle

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



37.6404, 0.3937, 0.4412



37.6404, 0.2906, 0.4267



37.6404, 0.2298, 0.2272



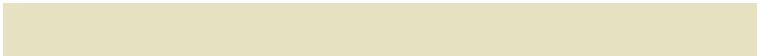
37.6404, 0.3248, 0.2531

Sweetspot

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



37.6421, 0.3937, 0.4412



74.7103, 0.3373, 0.3645



16.6798, 0.4418, 0.3139



16.0906, 0.3405, 0.3690



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



37.6421, 0.3937, 0.4412



65.5551, 0.4090, 0.4602



37.8231, 0.3528, 0.4688



9.7460, 0.3266, 0.3491



24.4927, 0.4394, 0.4893



0.8153, 0.4331, 0.4943

Inverse Universe

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



13.2830, 0.2179, 0.1835



17.3526, 0.1965, 0.1484



13.6795, 0.2499, 0.1803



8.3737, 0.2985, 0.3081



2.6886, 0.1525, 0.0690



0.1324, 0.1615, 0.1014

Previews

White Background



This preview shows how the Yxy color 37.6404, 0.3937, 0.4412 looks on a white background.

Color Contrast Check

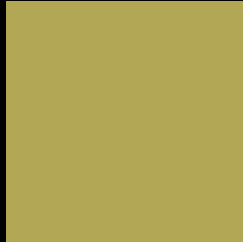
Large Text (above 18pt) WCAG AA × Fail

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 37.6404, 0.3937, 0.4412 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 37.6404, 0.3937, 0.4412

Background



This preview shows how black text looks on a background with the Yxy color 37.6404, 0.3937, 0.4412.



This preview shows how white text looks on a background with the Yxy color 37.6404, 0.3937, 0.4412.

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

37.6404, 0.3937, 0.4412

Protanopia

37.4954, 0.4010, 0.4377

Deuteranopia

37.3586, 0.4251, 0.4164



Tritanopia

37.6703, 0.3280, 0.3129

Trichromacy



Original Color

37.6404, 0.3937, 0.4412

Protanomaly

37.6158, 0.3982, 0.4398

Deuteranomaly

37.4991, 0.4136, 0.4259

Tritanomaly

37.2989, 0.3539, 0.3597

Monochromacy



Original Color

37.6404, 0.3937, 0.4412

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

36.1033, 0.3438, 0.3731

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.6404, 0.3937, 0.4412 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(177, 167, 85)` looks like.

```
.text, #text, p{  
    color:rgb(177, 167, 85)  
}
```

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(177, 167, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 167, 85) }
```

Border

The CSS property to change the border of an element to Yxy 37.6404, 0.3937, 0.4412 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(177, 167, 85) }
```

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

```
.border{ border-color:rgb(177, 167, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 167, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 167, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 167, 85);  
box-shadow:4px 4px 4px 4px rgb(177, 167,  
85) }
```


Background

The CSS property to change the background color of an element to Yxy 37.6404, 0.3937, 0.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 167, 85) }
```

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

```
.background{ background-color: rgb(177,  
167, 85) }
```

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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