

Converting Colors

$Yxy(37.5960, 0.3787, 0.4036)$

Have a look what the booklet for
Yxy(37.5960, 0.3787, 0.4036)
contains.

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Color

Yxy(37.5005, 0.3788, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	B5A46E
RGB	181, 164, 110
RGB Percent	71%, 64%, 43%
CMY	0.2902, 0.3568, 0.5687
CMYK	0.00, 0.09, 0.39, 0.29
HSL	46°, 32%, 57%
HSV	46°, 39%, 71%
XYZ	35.1440, 37.5005, 20.1326
YIQ	162.9270, 27.4660, -13.1900

Conversions

Conversions Part 2

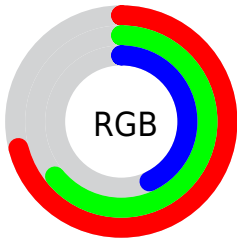
Format	Color
RYB	132, 181, 110
Decimal	11904110
CIELab	67.65, -1.69, 30.29
CIELCh	68, 30.333, 93.196
Yxy	37.5005, 0.3788, 0.4042
Android (android.graphics.Color)	4290094190 (0xFFB5A46E)
YUV	162.9270, -26.0930, 15.8500
Hunter-Lab	61.2377, -4.7257, 23.3740

Details

The Yxy color **37.5005, 0.3788, 0.4042** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.8202, 0.2459, 0.2400**, and the grayscale version is **36.7052, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.4488, 0.3667, 0.3904**, and **16.4373, 0.3986, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **35.6241, 0.3972, 0.4224**, and if you desaturate by 10%, it is **39.5136, 0.3606, 0.3849**.

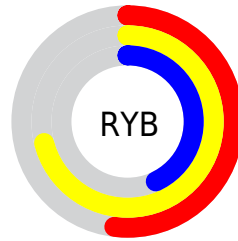
Distribution



Red (71%)

Green (64%)

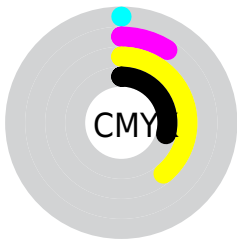
Blue (43%)



Red (52%)

Yellow (71%)

Blue (43%)

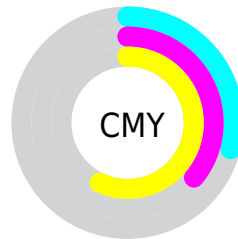


Cyan (0%)

Magenta (9%)

Yellow (39%)

Black (29%)



Cyan (29%)


Magenta (36%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.5005, 0.3788, 0.4042 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 37.5005, 0.3788, 0.4042 by changing the saturation by 10% instead.


 37.5005, 0.3788,
0.4042


 37.5005, 0.3788,
0.4042


335.4724, 0.3452,
0.3657


 25.5952, 0.3871,
0.4139


 71.3419, 0.3666,
0.3901

 16.5211, 0.3977,
0.4262

 94.0468, 0.3620,
0.3848

 9.8936, 0.4112,
0.4423


 121.1204, 0.3581,
0.3804

 5.3285, 0.4288,
0.4635

 152.9471, 0.3548,
0.3766

 2.4413, 0.4775,
0.5203

189.9112, 0.3519,
0.3733

 0.8470, 0.4742,
0.5258

232.3972, 0.3494,

 0.0000, 0.0000,

0.3704

0.0000

280.7895, 0.3472,
0.3679

■ 37.5005, 0.3788,
0.4042

■ 37.5005, 0.3788,
0.4042

■ 35.6241, 0.3972,
0.4224

■ 39.5136, 0.3606,
0.3849

■ 33.8738, 0.4152,
0.4386

■ 41.6633, 0.3432,
0.3653

■ 32.2454, 0.4319,
0.4518

■ 43.9560, 0.3268,
0.3461

■ 30.7320, 0.4467,
0.4609

■ 46.3960, 0.3116,
0.3276

■ 29.3258, 0.4588,
0.4655

■ 48.9876, 0.2977,
0.3102

■ 28.0126, 0.4682,
0.4659

■ 51.7347, 0.2852,
0.2940

■ 27.9144, 0.4689,
0.4658

■ 54.6411, 0.2739,
0.2789

■ 57.7104, 0.2638,
0.2651

■ 59.7407, 0.2642,
0.2700

Harmonies

Analogous

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



37.5005, 0.4016, 0.3779



37.5005, 0.3788, 0.4042



37.5005, 0.3389, 0.4108

Triad

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



37.5005, 0.3788, 0.4042



37.5005, 0.2333, 0.3055



37.5005, 0.3272, 0.2770

Complementary

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



37.5005, 0.3788, 0.4042



21.8202, 0.2459, 0.2400

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.



37.5005, 0.2819, 0.2592



37.5005, 0.3788, 0.4042



37.5005, 0.2306, 0.2724

Square

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



37.5005, 0.3788, 0.4042



37.5005, 0.2556, 0.3499



37.5005, 0.2476, 0.2569



37.5005, 0.3712, 0.3066

Rectangle

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



37.5005, 0.3788, 0.4042



37.5005, 0.3087, 0.4003



37.5005, 0.2476, 0.2569



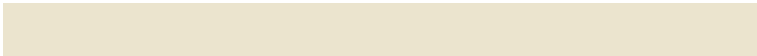
37.5005, 0.3115, 0.2695

Sweetspot

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



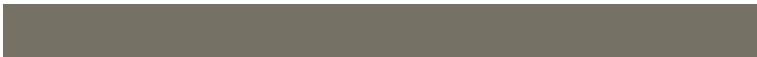
37.5022, 0.3788, 0.4042



77.4855, 0.3315, 0.3517



22.5227, 0.3842, 0.3035



16.6334, 0.3336, 0.3542



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



37.5022, 0.3788, 0.4042



64.2804, 0.3945, 0.4199



41.9822, 0.3537, 0.4306



9.5553, 0.3269, 0.3462



19.3566, 0.4682, 0.4664



0.6925, 0.4520, 0.4793

Inverse Universe

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



21.8202, 0.2459, 0.2400



32.3257, 0.2298, 0.2164



19.0529, 0.2588, 0.2165



8.5493, 0.2985, 0.3112



3.5980, 0.1580, 0.0889



0.2048, 0.1732, 0.1435

Previews

White Background



This preview shows how the Yxy color 37.5005, 0.3788, 0.4042 looks on a white background.

Color Contrast Check

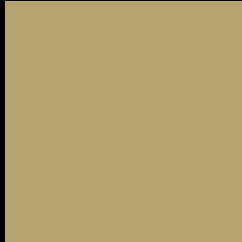
Large Text (above 18pt) WCAG AA × Fail

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 37.5005, 0.3788, 0.4042 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

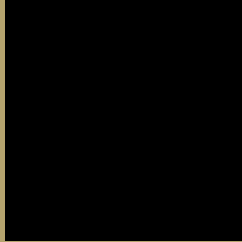
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.5005, 0.3788, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 37.5005, 0.3788, 0.4042.



This preview shows how white text looks on a background with the Yxy color 37.5005, 0.3788, 0.4042.

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

37.5005, 0.3788, 0.4042

Protanopia

37.6198, 0.3762, 0.4060

Deuteranopia

37.4717, 0.3977, 0.3909



Tritanopia

37.5433, 0.3311, 0.3130

Trichromacy



Original Color

37.5005, 0.3788, 0.4042

Protanomaly

37.7394, 0.3773, 0.4057

Deuteranomaly

37.3657, 0.3904, 0.3950

Tritanomaly

37.5940, 0.3486, 0.3456

Monochromacy



Original Color

37.5005, 0.3788, 0.4042

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

36.7540, 0.3366, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.5005, 0.3788, 0.4042 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(181, 164, 110)` looks like.

```
.text, #text, p{  
    color:rgb(181, 164, 110)  
}
```

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(181, 164, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 164, 110) }
```

Border

The CSS property to change the border of an element to Yxy 37.5005, 0.3788, 0.4042 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(181, 164, 110) }
```

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

```
.border{ border-color:rgb(181, 164, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 164, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 164, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 164, 110);  
box-shadow:4px 4px 4px 4px rgb(181, 164,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 37.5005, 0.3788, 0.4042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 164, 110) }
```

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

```
.background{ background-color: rgb(181,  
164, 110) }
```

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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