

Converting Colors

Yxy(37.4641, 0.3373, 0.4982)

Have a look what the booklet for
Yxy(37.4641, 0.3373, 0.4982)
contains.

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Color

Yxy(37.4641, 0.3373, 0.4982)

Conversions

Conversions Part 1

Format	Color
Hex	77B54A
RGB	119, 181, 74
RGB Percent	47%, 71%, 29%
CMY	0.5334, 0.2902, 0.7099
CMYK	0.34, 0.00, 0.59, 0.29
HSL	95°, 42%, 50%
HSV	95°, 59%, 71%
XYZ	25.3646, 37.4641, 12.3702
YIQ	150.2640, -2.6050, -46.4210

Conversions

Conversions Part 2

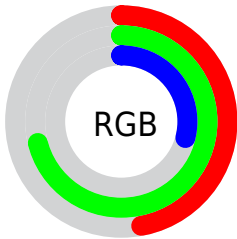
Format	Color
RYB	74, 181, 136
Decimal	7845194
CIELab	67.62, -38.54, 47.31
CIELCh	68, 61.023, 129.164
Yxy	37.4641, 0.3373, 0.4982
Android (android.graphics.Color)	4286035274 (0xFF77B54A)
YUV	150.2640, -37.5982, -27.4185
Hunter-Lab	61.2079, -33.1434, 30.8629

Details

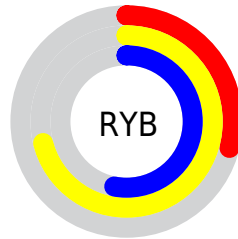
The Yxy color **37.4641, 0.3373, 0.4982** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **13.4685, 0.2630, 0.1691**, and the grayscale version is **30.7789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0734, 0.3359, 0.4636**, and **16.6127, 0.3344, 0.5542** is the 20% darker color. If you saturate the color by 10%, you get **36.5542, 0.3375, 0.5254**, and if you desaturate by 10%, it is **38.5294, 0.3354, 0.4685**.

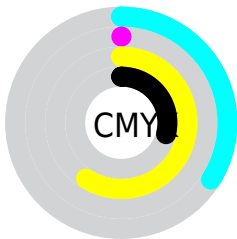
Distribution



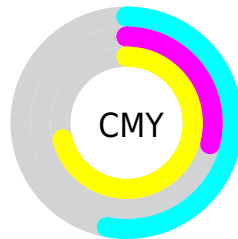
- Red (47%)
- Green (71%)
- Blue (29%)



- Red (29%)
- Yellow (71%)
- Blue (53%)



- Cyan (34%)
- Magenta (0%)
- Yellow (59%)
- Black (29%)




- Cyan (53%)
- Magenta (29%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.4641, 0.3373, 0.4982 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 37.4641, 0.3373, 0.4982 by changing the saturation by 10% instead.


 37.4641, 0.3373,
0.4982


 37.4641, 0.3373,
0.4982

335.3155, 0.3296,
0.4064


 25.5670, 0.3369,
0.5227


 71.2860, 0.3360,
0.4635

 16.5000, 0.3346,
0.5544


 93.9796, 0.3351,
0.4508


 9.8787, 0.3280,
0.5964


 121.0409, 0.3340,
0.4402

 5.3186, 0.3224,
0.6749

 152.8541, 0.3330,
0.4313

 2.4354, 0.2733,
0.7267

 189.8039, 0.3321,
0.4237

 0.8440, 0.0000,
1.0000

232.2744, 0.3312,

 0.0000, 0.0000,

0.4171

0.0000

280.6501, 0.3304,
0.4114

■ 37.4641, 0.3373,
0.4982

■ 37.4641, 0.3373,
0.4982

■ 36.5542, 0.3375,
0.5254

■ 38.5294, 0.3354,
0.4685

■ 35.7860, 0.3357,
0.5483

■ 39.7531, 0.3321,
0.4378

■ 35.1510, 0.3320,
0.5658

■ 41.1444, 0.3279,
0.4075

■ 34.6329, 0.3270,
0.5779

■ 42.7100, 0.3229,
0.3786

■ 34.5915, 0.3266,
0.5789

■ 44.4564, 0.3176,
0.3516

■ 46.3895, 0.3122,
0.3269

■ 48.5153, 0.3069,
0.3046

■ 50.8391, 0.3018,
0.2847

■ 53.3662, 0.2969,
0.2669

Harmonies

Analogous

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



37.4641, 0.4189, 0.4784



37.4641, 0.3373, 0.4982



37.4641, 0.2537, 0.4476

Triad

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



37.4641, 0.3373, 0.4982



37.4641, 0.1661, 0.2106



37.4641, 0.4452, 0.2946

Complementary

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



37.4641, 0.3373, 0.4982



13.4685, 0.2630, 0.1691

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.



37.4641, 0.3571, 0.2418



37.4641, 0.3373, 0.4982



37.4641, 0.2006, 0.1948

Square

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



37.4641, 0.3373, 0.4982



37.4641, 0.1623, 0.2605



37.4641, 0.2663, 0.2066



37.4641, 0.4907, 0.3566

Rectangle

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



37.4641, 0.3373, 0.4982



37.4641, 0.2085, 0.3826



37.4641, 0.2663, 0.2066



37.4641, 0.4187, 0.2756

Sweetspot

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



37.4657, 0.3373, 0.4982



76.7298, 0.3225, 0.3763



27.5448, 0.4332, 0.4128



16.4013, 0.3240, 0.3844



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.



37.4657, 0.3373, 0.4982



65.0132, 0.3371, 0.5329



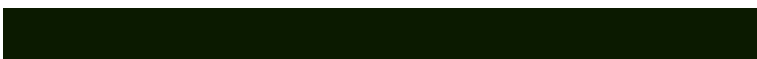
35.1026, 0.3002, 0.5056



9.6588, 0.3177, 0.3521



23.8830, 0.3275, 0.5782



0.7861, 0.3508, 0.5597

Inverse Universe

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



13.4685, 0.2630, 0.1691



18.0682, 0.2484, 0.1384



17.7718, 0.3282, 0.2002



8.4652, 0.3073, 0.3061



4.4083, 0.2200, 0.0986



0.1721, 0.2482, 0.1141

Previews

White Background



This preview shows how the Yxy color 37.4641, 0.3373, 0.4982 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 37.4641, 0.3373, 0.4982 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 37.4641, 0.3373, 0.4982

Background



This preview shows how black text looks on a background with the Yxy color 37.4641, 0.3373, 0.4982.



This preview shows how white text looks on a background with the Yxy color 37.4641, 0.3373, 0.4982.

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

37.4641, 0.3373, 0.4982

Protanopia

36.9257, 0.4125, 0.4528

Deuteranopia

36.9276, 0.4308, 0.4216



Tritanopia

37.4026, 0.2739, 0.3097

Trichromacy



Original Color

37.4641, 0.3373, 0.4982

Protanomaly

36.5753, 0.3830, 0.4699

Deuteranomaly

36.2310, 0.3951, 0.4495

Tritanomaly

37.0011, 0.2993, 0.3780

Monochromacy



Original Color

37.4641, 0.3373, 0.4982

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

32.3838, 0.3260, 0.3924

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.4641, 0.3373, 0.4982 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(119, 181, 74)` looks like.

```
.text, #text, p{  
    color:rgb(119, 181, 74)  
}
```

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(119, 181, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 181, 74) }
```

Border

The CSS property to change the border of an element to Yxy 37.4641, 0.3373, 0.4982 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(119, 181, 74) }
```

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

```
.border{ border-color:rgb(119, 181, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 181, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 181, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 181, 74);  
box-shadow:4px 4px 4px 4px rgb(119, 181,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 37.4641, 0.3373, 0.4982 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 181, 74) }
```

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

```
.background{ background-color: rgb(119,  
181, 74) }
```

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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