

Converting Colors

Yxy(37.4576, 0.3569, 0.4882)

Have a look what the booklet for
Yxy(37.4576, 0.3569, 0.4882)
contains.

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Color

Yxy(37.3154, 0.3574, 0.4873)

Conversions

Conversions Part 1

Format	Color
Hex	8AB148
RGB	138, 177, 72
RGB Percent	54%, 69%, 28%
CMY	0.4590, 0.3058, 0.7176
CMYK	0.22, 0.00, 0.59, 0.31
HSL	82°, 42%, 49%
HSV	82°, 59%, 69%
XYZ	27.3682, 37.3154, 11.8922
YIQ	153.3690, 10.4610, -40.9230

Conversions

Conversions Part 2

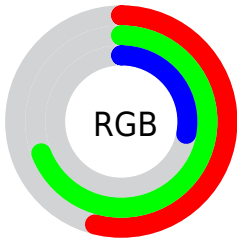
Format	Color
RYB	72, 177, 111
Decimal	9089352
CIELab	67.51, -29.80, 48.39
CIELCh	68, 56.826, 121.627
Yxy	37.3154, 0.3574, 0.4873
Android (android.graphics.Color)	4287279432 (0xFF8AB148)
YUV	153.3690, -40.1149, -13.4786
Hunter-Lab	61.0863, -26.9286, 31.2179

Details

The Yxy color **37.3154, 0.3574, 0.4873** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **11.1945, 0.2373, 0.1579**, and the grayscale version is **32.1973, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.2024, 0.3524, 0.4560**, and **16.3871, 0.3618, 0.5364** is the 20% darker color. If you saturate the color by 10%, you get **36.5738, 0.3605, 0.5107**, and if you desaturate by 10%, it is **38.1608, 0.3523, 0.4611**.

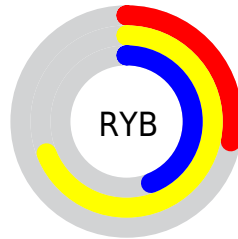
Distribution



Red (54%)

Green (69%)

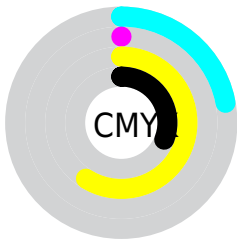
Blue (28%)



Red (28%)

Yellow (69%)

Blue (44%)

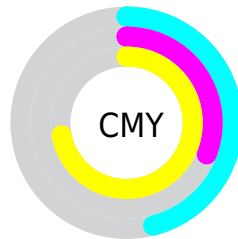


Cyan (22%)

Magenta (0%)

Yellow (59%)

Black (31%)



Cyan (46%)


Magenta (31%)


Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.3154, 0.3574, 0.4873 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 37.3154, 0.3574, 0.4873 by changing the saturation by 10% instead.


 37.3154, 0.3574,
0.4873


 37.3154, 0.3574,
0.4873


334.6740, 0.3389,
0.4028

 25.4518, 0.3598,
0.5092


 71.0576, 0.3521,
0.4558

 16.4140, 0.3613,
0.5371


 93.7050, 0.3496,
0.4441


 9.8176, 0.3597,
0.5731

 120.7157, 0.3473,
0.4344

 5.2782, 0.3613,
0.6387

 152.4743, 0.3453,
0.4261

 2.4114, 0.3222,
0.6778

 189.3650, 0.3434,
0.4190

 0.8317, 0.0705,
0.9295

231.7722, 0.3418,

 0.0000, 0.0000,

0.4129

0.0000

280.0805, 0.3403,
0.4075

■ 37.3154, 0.3574,
0.4873

■ 37.3154, 0.3574,
0.4873

■ 36.5738, 0.3605,
0.5107

■ 38.1608, 0.3523,
0.4611

■ 35.9247, 0.3612,
0.5301

■ 39.1109, 0.3456,
0.4335

■ 35.3621, 0.3596,
0.5448

■ 40.1726, 0.3379,
0.4055

■ 34.8721, 0.3560,
0.5551

■ 41.3506, 0.3295,
0.3780

■ 34.8402, 0.3557,
0.5557

■ 42.6496, 0.3208,
0.3519

■ 44.0737, 0.3121,
0.3274

■ 45.6270, 0.3037,
0.3048

■ 47.3132, 0.2957,
0.2843

■ 49.1359, 0.2881,
0.2657

Harmonies

Analogous

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



37.3154, 0.4303, 0.4588



37.3154, 0.3574, 0.4873



37.3154, 0.2770, 0.4565

Triad

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



37.3154, 0.3574, 0.4873



37.3154, 0.1704, 0.2265



37.3154, 0.4182, 0.2835

Complementary

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



37.3154, 0.3574, 0.4873



11.1945, 0.2373, 0.1579

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.



37.3154, 0.3321, 0.2365



37.3154, 0.3574, 0.4873



37.3154, 0.1960, 0.2034

Square

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



37.3154, 0.3574, 0.4873



37.3154, 0.1746, 0.2832



37.3154, 0.2512, 0.2082



37.3154, 0.4735, 0.3412

Rectangle

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



37.3154, 0.3574, 0.4873



37.3154, 0.2300, 0.4028



37.3154, 0.2512, 0.2082



37.3154, 0.3910, 0.2662

Sweetspot

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



37.3171, 0.3574, 0.4873



74.2713, 0.3286, 0.3753



21.0791, 0.4542, 0.3839



15.9594, 0.3310, 0.3830



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.



37.3171, 0.3574, 0.4873



65.1391, 0.3609, 0.5168



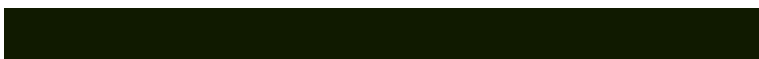
33.8962, 0.3131, 0.5119



9.7456, 0.3208, 0.3519



25.2744, 0.3564, 0.5552



0.8271, 0.3743, 0.5410

Inverse Universe

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



11.1945, 0.2373, 0.1579



14.1710, 0.2170, 0.1232



15.5987, 0.3011, 0.1852



8.3790, 0.3041, 0.3059



3.1670, 0.1815, 0.0773



0.1336, 0.2153, 0.0960

Previews

White Background



This preview shows how the Yxy color 37.3154, 0.3574, 0.4873 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 37.3154, 0.3574, 0.4873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

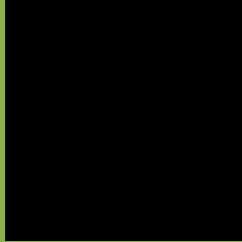
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.3154, 0.3574, 0.4873

Background



This preview shows how black text looks on a background with the Yxy color 37.3154, 0.3574, 0.4873.



This preview shows how white text looks on a background with the Yxy color 37.3154, 0.3574, 0.4873.

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

37.3154, 0.3574, 0.4873

Protanopia

36.9134, 0.4132, 0.4538

Deuteranopia

36.8835, 0.4332, 0.4247



Tritanopia

37.2025, 0.2895, 0.3102

Trichromacy



Original Color

37.3154, 0.3574, 0.4873

Protanomaly

36.9126, 0.3921, 0.4671

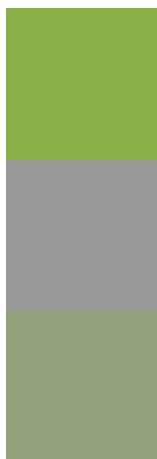
Deuteranomaly

36.6564, 0.4046, 0.4471

Tritanomaly

36.8459, 0.3169, 0.3750

Monochromacy



Original Color

37.3154, 0.3574, 0.4873

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

33.5918, 0.3330, 0.3888

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.3154, 0.3574, 0.4873 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(138, 177, 72)` looks like.

```
.text, #text, p{  
    color:rgb(138, 177, 72)  
}
```

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(138, 177, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 177, 72) }
```

Border

The CSS property to change the border of an element to Yxy 37.3154, 0.3574, 0.4873 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(138, 177, 72) }
```

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

```
.border{ border-color:rgb(138, 177, 72) }
```

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

Here you see how a box with a 4 pixel rgb(138, 177, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 177, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 177, 72);  
box-shadow:4px 4px 4px 4px rgb(138, 177,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 37.3154, 0.3574, 0.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 177, 72) }
```

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

```
.background{ background-color: rgb(138,  
177, 72) }
```

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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