

Converting Colors

$Yxy(38.2181, 0.3374, 0.4288)$

Have a look what the booklet for
Yxy(38.2181, 0.3374, 0.4288)
contains.

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Color

Yxy(38.2181, 0.3374, 0.4288)

Conversions

Conversions Part 1

Format	Color
Hex	91B06F
RGB	145, 176, 111
RGB Percent	57%, 69%, 44%
CMY	0.4314, 0.3098, 0.5646
CMYK	0.18, 0.00, 0.37, 0.31
HSL	89°, 29%, 56%
HSV	89°, 37%, 69%
XYZ	30.0718, 38.2181, 20.8381
YIQ	159.3210, 2.3890, -26.7870

Conversions

Conversions Part 2

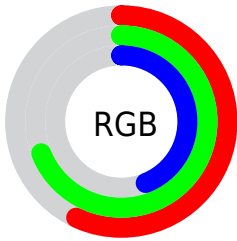
Format	Color
RYB	111, 176, 142
Decimal	9547887
CIELab	68.18, -22.15, 29.88
CIELCh	68, 37.195, 126.540
Yxy	38.2181, 0.3374, 0.4288
Android (android.graphics.Color)	4287737967 (0xFF91B06F)
YUV	159.3210, -23.8223, -12.5595
Hunter-Lab	61.8208, -21.3577, 23.2895

Details

The Yxy color **38.2181, 0.3374, 0.4288** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **20.2638, 0.2785, 0.2286**, and the grayscale version is **34.9372, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.6369, 0.3341, 0.4093**, and **16.8409, 0.3419, 0.4619** is the 20% darker color. If you saturate the color by 10%, you get **37.1343, 0.3426, 0.4581**, and if you desaturate by 10%, it is **39.4381, 0.3312, 0.3998**.

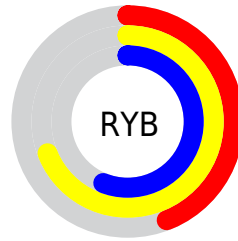
Distribution



Red (57%)

Green (69%)

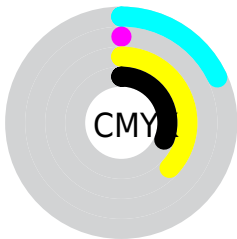
Blue (44%)



Red (44%)

Yellow (69%)

Blue (56%)

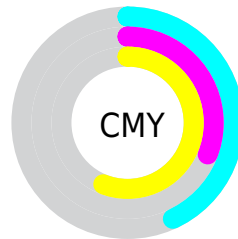


Cyan (18%)

Magenta (0%)

Yellow (37%)

Black (31%)



Cyan (43%)


Magenta (31%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.2181, 0.3374, 0.4288 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 38.2181, 0.3374, 0.4288 by changing the saturation by 10% instead.

 38.2181, 0.3374,
0.4288


 38.2181, 0.3374,
0.4288


338.5546, 0.3261,
0.3754


 26.1520, 0.3396,
0.4432


 72.4423, 0.3337,
0.4086


 16.9374, 0.3420,
0.4622


 95.3692, 0.3322,
0.4012

 10.1899, 0.3443,
0.4884


 122.6852, 0.3308,
0.3951

 5.5250, 0.3452,
0.5262

 154.7746, 0.3297,
0.3899

 2.5585, 0.3592,
0.6161

192.0218, 0.3286,
0.3855

 0.9058, 0.2612,
0.7388

234.8113, 0.3277,

 0.0000, 0.0000,

0.3817

0.0000

283.5275, 0.3269,
0.3783

■ 38.2181, 0.3374,
0.4288

■ 38.2181, 0.3374,
0.4288

■ 37.1343, 0.3426,
0.4581

■ 39.4381, 0.3312,
0.3998

■ 36.1759, 0.3464,
0.4865

■ 40.7945, 0.3245,
0.3720

■ 35.3384, 0.3483,
0.5126

■ 42.2941, 0.3176,
0.3459

■ 34.6149, 0.3482,
0.5350


■ 43.9415, 0.3106,
0.3218

■ 33.9975, 0.3458,
0.5526

■ 45.7412, 0.3038,
0.2999

 33.4754, 0.3414,
0.5649

 47.6975, 0.2973,
0.2802

 33.3279, 0.3400,
0.5682

 49.8143, 0.2911,
0.2625

 52.0957, 0.2854,
0.2467

 53.5808, 0.2896,
0.2453

Harmonies

Analogous

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



38.2181, 0.3874, 0.4222



38.2181, 0.3374, 0.4288



38.2181, 0.2833, 0.4008

Triad

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



38.2181, 0.3374, 0.4288



38.2181, 0.2156, 0.2571



38.2181, 0.3891, 0.3060

Complementary

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



38.2181, 0.3374, 0.4288



20.2638, 0.2785, 0.2286

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.



38.2181, 0.3362, 0.2701



38.2181, 0.3374, 0.4288



38.2181, 0.2380, 0.2419

Square

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



38.2181, 0.3374, 0.4288



38.2181, 0.2159, 0.2940



38.2181, 0.2807, 0.2472



38.2181, 0.4202, 0.3487

Rectangle

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



38.2181, 0.3374, 0.4288



38.2181, 0.2522, 0.3668



38.2181, 0.2807, 0.2472



38.2181, 0.3730, 0.2930

Sweetspot

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



38.2198, 0.3374, 0.4288



75.5086, 0.3205, 0.3568



29.5320, 0.3841, 0.3737



16.2864, 0.3215, 0.3602



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.



38.2198, 0.3374, 0.4288



67.7487, 0.3416, 0.4518



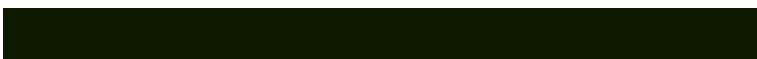
35.7242, 0.3093, 0.4380



9.7013, 0.3192, 0.3520



24.4870, 0.3407, 0.5677



0.8049, 0.3621, 0.5507

Inverse Universe

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



20.2638, 0.2785, 0.2286



30.5731, 0.2690, 0.2053



23.4897, 0.3144, 0.2387



8.4224, 0.3057, 0.3060



3.7172, 0.1994, 0.0872



0.1518, 0.2315, 0.1049

Previews

White Background



This preview shows how the Yxy color 38.2181, 0.3374, 0.4288 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 38.2181, 0.3374, 0.4288 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 38.2181, 0.3374, 0.4288

Background



This preview shows how black text looks on a background with the Yxy color 38.2181, 0.3374, 0.4288.



This preview shows how white text looks on a background with the Yxy color 38.2181, 0.3374, 0.4288.

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

38.2181, 0.3374, 0.4288

Protanopia

38.0373, 0.3794, 0.4110

Deuteranopia

38.0398, 0.3944, 0.3868



Tritanopia

38.3100, 0.2906, 0.3105

Trichromacy



Original Color

38.2181, 0.3374, 0.4288

Protanomaly

38.0477, 0.3634, 0.4188

Deuteranomaly

37.7089, 0.3727, 0.4006

Tritanomaly

38.1054, 0.3072, 0.3513

Monochromacy



Original Color

38.2181, 0.3374, 0.4288

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

35.7333, 0.3224, 0.3638

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.2181, 0.3374, 0.4288 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(145, 176, 111)` looks like.

```
.text, #text, p{  
    color:rgb(145, 176, 111)  
}
```

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(145, 176, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 176, 111) }
```

Border

The CSS property to change the border of an element to Yxy 38.2181, 0.3374, 0.4288 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(145, 176, 111) }
```

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

```
.border{ border-color:rgb(145, 176, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 176, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 176, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 176, 111);  
box-shadow:4px 4px 4px 4px rgb(145, 176,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 38.2181, 0.3374, 0.4288 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 176, 111) }
```

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

```
.background{ background-color: rgb(145,  
176, 111) }
```

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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