

Converting Colors

Yxy(38.4865, 0.3146, 0.4263)

Have a look what the booklet for
Yxy(38.4865, 0.3146, 0.4263)
contains.

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Color

Yxy(38.4865, 0.3146, 0.4263)

Conversions

Conversions Part 1

Format	Color
Hex	7FB477
RGB	127, 180, 119
RGB Percent	50%, 71%, 47%
CMY	0.5020, 0.2941, 0.5332
CMYK	0.29, 0.00, 0.34, 0.29
HSL	112°, 29%, 59%
HSV	112°, 34%, 71%
XYZ	28.4022, 38.4865, 23.3916
YIQ	157.1990, -12.0070, -30.2070

Conversions

Conversions Part 2

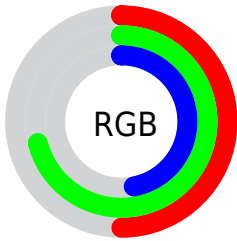
Format	Color
RYB	119, 180, 172
Decimal	8369271
CIELab	68.38, -29.42, 25.70
CIELCh	68, 39.060, 138.865
Yxy	38.4865, 0.3146, 0.4263
Android (android.graphics.Color)	4286559351 (0xFF7FB477)
YUV	157.1990, -18.8321, -26.4845
Hunter-Lab	62.0375, -26.8442, 21.0706

Details

The Yxy color **38.4865, 0.3146, 0.4263** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **25.2716, 0.3078, 0.2441**, and the grayscale version is **33.9014, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7932, 0.3149, 0.4058**, and **17.1574, 0.3128, 0.4597** is the 20% darker color. If you saturate the color by 10%, you get **36.9860, 0.3144, 0.4601**, and if you desaturate by 10%, it is **40.2589, 0.3144, 0.3942**.

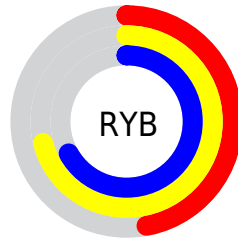
Distribution



Red (50%)

Green (71%)

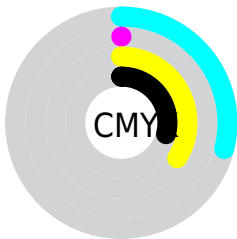
Blue (47%)



Red (47%)

Yellow (71%)

Blue (67%)

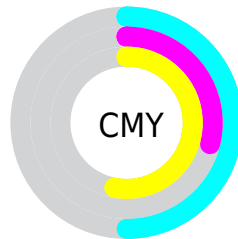


Cyan (29%)

Magenta (0%)

Yellow (34%)

Black (29%)



Cyan (50%)


Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.4865, 0.3146, 0.4263 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 38.4865, 0.3146, 0.4263 by changing the saturation by 10% instead.


 38.4865, 0.3146,
0.4263


 38.4865, 0.3146,
0.4263


339.7023, 0.3151,
0.3737


 26.3605, 0.3139,
0.4408


 72.8532, 0.3152,
0.4062

 17.0935, 0.3125,
0.4601


 95.8627, 0.3153,
0.3990

 10.3012, 0.3097,
0.4873


 123.2688, 0.3153,
0.3929

 5.5991, 0.3039,
0.5277

155.4559, 0.3153,
0.3879

 2.6029, 0.2965,
0.6060

192.8084, 0.3153,
0.3836

 0.9281, 0.1497,
0.8503

235.7107, 0.3152,

 0.0000, 0.0000,

0.3798

0.0000

284.5472, 0.3151,
0.3766

■ 38.4865, 0.3146,
0.4263

■ 38.4865, 0.3146,
0.4263

■ 36.9860, 0.3144,
0.4601

■ 40.2589, 0.3144,
0.3942

■ 35.7392, 0.3136,
0.4943

■ 42.3106, 0.3138,
0.3648

■ 34.7335, 0.3122,
0.5267

■ 44.6548, 0.3131,
0.3384

■ 33.9530, 0.3102,
0.5550


■ 47.3024, 0.3121,
0.3151


■ 33.3799, 0.3077,
0.5770

■ 50.2637, 0.3112,
0.2947


 32.9938, 0.3049,
0.5913

 53.5485, 0.3101,
0.2769

 32.8331, 0.3035,
0.5972

 57.1663, 0.3091,
0.2615

 60.5980, 0.3140,
0.2551

 61.1252, 0.3162,
0.2556

Harmonies

Analogous

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



38.4865, 0.3706, 0.4335



38.4865, 0.3146, 0.4263



38.4865, 0.2609, 0.3833

Triad

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



38.4865, 0.3146, 0.4263



38.4865, 0.2183, 0.2446



38.4865, 0.4099, 0.3226

Complementary

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



38.4865, 0.3146, 0.4263



25.2716, 0.3078, 0.2441

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.



38.4865, 0.3615, 0.2816



38.4865, 0.3146, 0.4263



38.4865, 0.2507, 0.2381

Square

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



38.4865, 0.3146, 0.4263



38.4865, 0.2087, 0.2736



38.4865, 0.3020, 0.2516



38.4865, 0.4290, 0.3677

Rectangle

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



38.4865, 0.3146, 0.4263



38.4865, 0.2334, 0.3438



38.4865, 0.3020, 0.2516



38.4865, 0.3963, 0.3081

Sweetspot

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



38.4881, 0.3146, 0.4263



78.2243, 0.3136, 0.3547



40.4944, 0.3662, 0.4021



16.7833, 0.3137, 0.3584



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.



38.4881, 0.3146, 0.4263



67.6104, 0.3145, 0.4527



38.5034, 0.2920, 0.3907



9.5415, 0.3135, 0.3524



22.9307, 0.3040, 0.5968



0.7383, 0.3176, 0.5861

Inverse Universe

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



25.2716, 0.3078, 0.2441



39.8090, 0.3061, 0.2247



25.3601, 0.3418, 0.2746



8.5894, 0.3117, 0.3064



7.2899, 0.2887, 0.1364



0.2449, 0.2982, 0.1417

Previews

White Background



This preview shows how the Yxy color 38.4865, 0.3146, 0.4263 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 38.4865, 0.3146, 0.4263 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

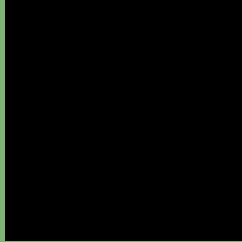
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.4865, 0.3146, 0.4263

Background



This preview shows how black text looks on a background with the Yxy color 38.4865, 0.3146, 0.4263.



This preview shows how white text looks on a background with the Yxy color 38.4865, 0.3146, 0.4263.

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

38.4865, 0.3146, 0.4263

Protanopia

38.1680, 0.3741, 0.4029

Deuteranopia

37.9873, 0.3836, 0.3756



Tritanopia

38.4968, 0.2751, 0.3100

Trichromacy



Original Color

38.4865, 0.3146, 0.4263

Protanomaly

37.9407, 0.3512, 0.4118

Deuteranomaly

37.7005, 0.3565, 0.3939

Tritanomaly

38.3841, 0.2898, 0.3502

Monochromacy



Original Color

38.4865, 0.3146, 0.4263

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.0044, 0.3139, 0.3630

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.4865, 0.3146, 0.4263 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(127, 180, 119)` looks like.

```
.text, #text, p{  
    color:rgb(127, 180, 119)  
}
```

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(127, 180, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 180, 119) }
```

Border

The CSS property to change the border of an element to Yxy 38.4865, 0.3146, 0.4263 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(127, 180, 119) }
```

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

```
.border{ border-color:rgb(127, 180, 119) }
```

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

Here you see how a box with a 4 pixel rgb(127, 180, 119) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 180, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 180, 119);  
box-shadow:4px 4px 4px 4px rgb(127, 180,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 38.4865, 0.3146, 0.4263 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 180, 119) }
```

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

```
.background{ background-color: rgb(127,  
180, 119) }
```

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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