

Converting Colors

Yxy(38.5946, 0.3246, 0.4398)

Have a look what the booklet for
Yxy(38.5946, 0.3246, 0.4398)
contains.

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Color

Yxy(38.5936, 0.3246, 0.4396)

Conversions

Conversions Part 1

Format	Color
Hex	83B46E
RGB	131, 180, 110
RGB Percent	51%, 71%, 43%
CMY	0.4862, 0.2941, 0.5686
CMYK	0.27, 0.00, 0.39, 0.29
HSL	102°, 32%, 57%
HSV	102°, 39%, 71%
XYZ	28.4975, 38.5936, 20.7015
YIQ	157.3690, -6.7340, -32.1580

Conversions

Conversions Part 2

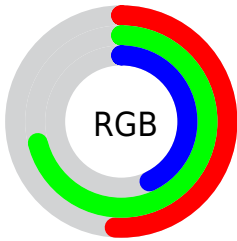
Format	Color
RYB	110, 180, 159
Decimal	8631406
CIELab	68.46, -29.38, 30.61
CIELCh	68, 42.430, 133.828
Yxy	38.5936, 0.3246, 0.4396
Android (android.graphics.Color)	4286821486 (0xFF83B46E)
YUV	157.3690, -23.3529, -23.1256
Hunter-Lab	62.1237, -26.8349, 23.7294

Details

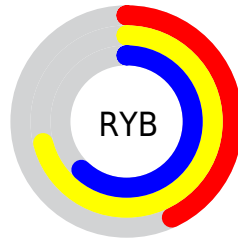
The Yxy color **38.5936, 0.3246, 0.4396** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **21.8202, 0.2933, 0.2277**, and the grayscale version is **34.0035, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.9138, 0.3235, 0.4173**, and **17.1779, 0.3242, 0.4778** is the 20% darker color. If you saturate the color by 10%, you get **37.2964, 0.3262, 0.4718**, and if you desaturate by 10%, it is **40.0961, 0.3222, 0.4081**.

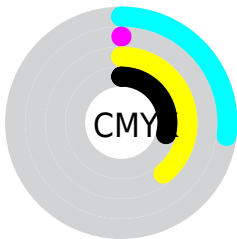
Distribution



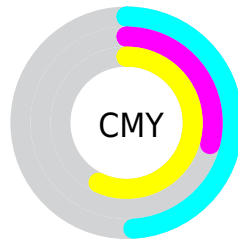
- Red (51%)
- Green (71%)
- Blue (43%)



- Red (43%)
- Yellow (71%)
- Blue (62%)



- Cyan (27%)
- Magenta (0%)
- Yellow (39%)
- Black (29%)




- Cyan (49%)
- Magenta (29%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.5936, 0.3246, 0.4396 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 38.5936, 0.3246, 0.4396 by changing the saturation by 10% instead.


 38.5936, 0.3246,
0.4396


 38.5936, 0.3246,
0.4396

340.1595, 0.3204,
0.3799


 26.4437, 0.3249,
0.4559


 73.0171, 0.3236,
0.4169

 17.1559, 0.3246,
0.4776


 96.0594, 0.3230,
0.4086

 10.3457, 0.3231,
0.5077


 123.5014, 0.3225,
0.4018

 5.6288, 0.3182,
0.5516

 155.7274, 0.3220,
0.3960

 2.6207, 0.3221,
0.6567

193.1219, 0.3216,
0.3911

 0.9371, 0.1554,
0.8446

236.0691, 0.3211,

 0.0000, 0.0000,

0.3869

0.0000

284.9535, 0.3207,
0.3831

■ 38.5936, 0.3246,
0.4396

■ 38.5936, 0.3246,
0.4396

■ 37.2964, 0.3262,
0.4718

■ 40.0961, 0.3222,
0.4081

■ 36.1903, 0.3266,
0.5034

■ 41.8075, 0.3192,
0.3784

■ 35.2670, 0.3256,
0.5323


■ 43.7376, 0.3158,
0.3511

■ 34.5154, 0.3232,
0.5568


■ 45.8940, 0.3123,
0.3264


■ 33.9231, 0.3193,
0.5752

■ 48.2838, 0.3088,
0.3043


 33.4715, 0.3147,
0.5875

 50.9142, 0.3054,
0.2848

 33.4276, 0.3142,
0.5887

 53.7916, 0.3021,
0.2675

 56.9224, 0.2989,
0.2524

 59.1682, 0.3079,
0.2537

Harmonies

Analogous

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



38.5936, 0.3839, 0.4396



38.5936, 0.3246, 0.4396



38.5936, 0.2652, 0.3984

Triad

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



38.5936, 0.3246, 0.4396



38.5936, 0.2078, 0.2413



38.5936, 0.4113, 0.3137

Complementary

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



38.5936, 0.3246, 0.4396



21.8202, 0.2933, 0.2277

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.



38.5936, 0.3548, 0.2715



38.5936, 0.3246, 0.4396



38.5936, 0.2383, 0.2309

Square

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



38.5936, 0.3246, 0.4396



38.5936, 0.2017, 0.2762



38.5936, 0.2905, 0.2422



38.5936, 0.4380, 0.3617

Rectangle

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



38.5936, 0.3246, 0.4396



38.5936, 0.2335, 0.3559



38.5936, 0.2905, 0.2422



38.5936, 0.3948, 0.2986

Sweetspot

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



38.5953, 0.3246, 0.4396



78.0971, 0.3170, 0.3599



35.2277, 0.3809, 0.3966



16.7821, 0.3174, 0.3633



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.



38.5953, 0.3246, 0.4396



67.8624, 0.3260, 0.4684



37.3848, 0.2983, 0.4238



9.6096, 0.3160, 0.3522



23.3612, 0.3150, 0.5881



0.7662, 0.3379, 0.5699

Inverse Universe

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



21.8202, 0.2933, 0.2277



32.9642, 0.2872, 0.2040



23.6538, 0.3318, 0.2500



8.5162, 0.3091, 0.3062



5.4313, 0.2473, 0.1136



0.1995, 0.2687, 0.1254

Previews

White Background



This preview shows how the Yxy color 38.5936, 0.3246, 0.4396 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 38.5936, 0.3246, 0.4396 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 38.5936, 0.3246, 0.4396

Background



This preview shows how black text looks on a background with the Yxy color 38.5936, 0.3246, 0.4396.



This preview shows how white text looks on a background with the Yxy color 38.5936, 0.3246, 0.4396.

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

38.5936, 0.3246, 0.4396

Protanopia

38.1161, 0.3821, 0.4133

Deuteranopia

38.1762, 0.3954, 0.3866



Tritanopia

38.4682, 0.2780, 0.3087

Trichromacy



Original Color

38.5936, 0.3246, 0.4396

Protanomaly

37.9739, 0.3598, 0.4227

Deuteranomaly

37.8284, 0.3675, 0.4059

Tritanomaly

38.2297, 0.2953, 0.3532

Monochromacy



Original Color

38.5936, 0.3246, 0.4396

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

35.0996, 0.3184, 0.3676

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.5936, 0.3246, 0.4396 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(131, 180, 110)` looks like.

```
.text, #text, p{  
    color:rgb(131, 180, 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(131, 180, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 180, 110) }
```

Border

The CSS property to change the border of an element to Yxy 38.5936, 0.3246, 0.4396 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(131, 180, 110) }
```

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

```
.border{ border-color:rgb(131, 180, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 180, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 180, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 180, 110);  
box-shadow:4px 4px 4px 4px rgb(131, 180,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 38.5936, 0.3246, 0.4396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 180, 110) }
```

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

```
.background{ background-color: rgb(131,  
180, 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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