

Converting Colors

$Yxy(46.1404, 0.3797, 0.4302)$

Have a look what the booklet for
Yxy(46.1404, 0.3797, 0.4302)
contains.

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Color

Yxy(46.1404, 0.3797, 0.4302)

Conversions

Conversions Part 1

Format	Color
Hex	BDB86A
RGB	189, 184, 106
RGB Percent	74%, 72%, 42%
CMY	0.2589, 0.2784, 0.5844
CMYK	0.00, 0.03, 0.44, 0.26
HSL	56°, 39%, 58%
HSV	56°, 44%, 74%
XYZ	40.7241, 46.1404, 20.3889
YIQ	176.6030, 28.0180, -23.1980

Conversions

Conversions Part 2

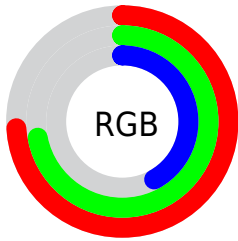
Format	Color
RYB	111, 189, 106
Decimal	12433514
CIELab	73.64, -9.42, 40.12
CIELCh	74, 41.216, 103.216
Yxy	46.1404, 0.3797, 0.4302
Android (android.graphics.Color)	4290623594 (0xFFBDB86A)
YUV	176.6030, -34.8073, 10.8722
Hunter-Lab	67.9267, -11.8557, 29.7522

Details

The Yxy color $46.1404, 0.3797, 0.4302$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $18.0941, 0.2326, 0.2023$, and the grayscale version is $43.9211, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.5975, 0.3687, 0.4116$, and $21.5865, 0.3956, 0.4576$ is the 20% darker color. If you saturate the color by 10%, you get $45.3234, 0.3937, 0.4504$, and if you desaturate by 10%, it is $47.0520, 0.3646, 0.4080$.

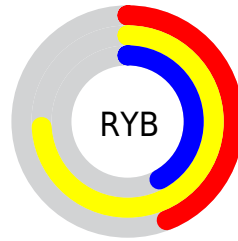
Distribution



Red (74%)

Green (72%)

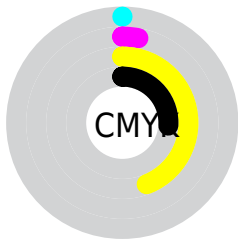
Blue (42%)



Red (44%)

Yellow (74%)

Blue (42%)

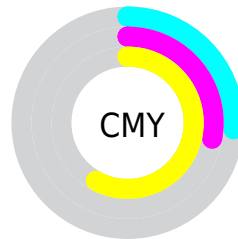


Cyan (0%)

Magenta (3%)

Yellow (44%)

Black (26%)



Cyan (26%)


Magenta (28%)

Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.1404, 0.3797, 0.4302 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 46.1404, 0.3797, 0.4302 by changing the saturation by 10% instead.

 46.1404, 0.3797,
0.4302


 46.1404, 0.3797,
0.4302


371.3728, 0.3478,
0.3796

 32.3566, 0.3868,
0.4424


 84.4291, 0.3687,
0.4120


 21.6340, 0.3953,
0.4576


 109.7028, 0.3643,
0.4051

 13.5882, 0.4053,
0.4770


 139.5752, 0.3606,
0.3993

 7.8348, 0.4165,
0.5016

 174.4309, 0.3574,
0.3942

 3.9895, 0.4423,
0.5517

214.6540, 0.3545,
0.3898

 1.6677, 0.4303,
0.5697

260.6292, 0.3520,

 0.4026, 0.2749,

0.3860

0.7251

312.7406, 0.3498,
0.3826

0.0000, 0.0000,
0.0000

46.1404, 0.3797,
0.4302

46.1404, 0.3797,
0.4302

45.3234, 0.3937,
0.4504

47.0520, 0.3646,
0.4080

44.5889, 0.4059,
0.4676

48.0572, 0.3491,
0.3846

43.9326, 0.4159,
0.4810


49.1628, 0.3335,
0.3610


43.3470, 0.4234,
0.4902

50.3733, 0.3184,
0.3379


42.8232, 0.4281,
0.4950

51.6931, 0.3041,
0.3156

 42.5241, 0.4302,
0.4966

 53.1259, 0.2907,
0.2947

 54.6756, 0.2783,
0.2752

 56.2056, 0.2682,
0.2594

 56.7082, 0.2683,
0.2607

Harmonies

Analogous

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



46.1404, 0.4180, 0.4015



46.1404, 0.3797, 0.4302



46.1404, 0.3254, 0.4299

Triad

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



46.1404, 0.3797, 0.4302



46.1404, 0.2102, 0.2820



46.1404, 0.3503, 0.2753

Complementary

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



46.1404, 0.3797, 0.4302



18.0941, 0.2326, 0.2023

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.



46.1404, 0.2914, 0.2482



46.1404, 0.3797, 0.4302



46.1404, 0.2153, 0.2488

Square

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



46.1404, 0.3797, 0.4302



46.1404, 0.2292, 0.3351



46.1404, 0.2434, 0.2382



46.1404, 0.4020, 0.3145

Rectangle

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



46.1404, 0.3797, 0.4302



46.1404, 0.2879, 0.4089



46.1404, 0.2434, 0.2382



46.1404, 0.3304, 0.2646

Sweetspot

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



46.1425, 0.3797, 0.4302



88.2172, 0.3324, 0.3594



22.2793, 0.4191, 0.3216



18.8724, 0.3359, 0.3645



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



46.1425, 0.3797, 0.4302



81.2012, 0.3936, 0.4502



44.2015, 0.3445, 0.4487



11.0200, 0.3266, 0.3503



28.6577, 0.4300, 0.4967



1.1525, 0.4272, 0.4990

Inverse Universe

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



18.0941, 0.2326, 0.2023



24.3518, 0.2121, 0.1688



19.7232, 0.2660, 0.2059



9.3146, 0.2984, 0.3067



2.6776, 0.1513, 0.0645



0.1366, 0.1559, 0.0813

Previews

White Background



This preview shows how the Yxy color 46.1404, 0.3797, 0.4302 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 46.1404, 0.3797, 0.4302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

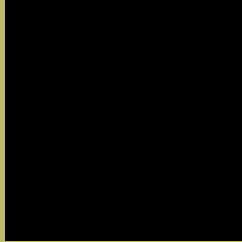
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.1404, 0.3797, 0.4302

Background



This preview shows how black text looks on a background with the Yxy color 46.1404, 0.3797, 0.4302.



This preview shows how white text looks on a background with the Yxy color 46.1404, 0.3797, 0.4302.

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

46.1404, 0.3797, 0.4302

Protanopia

46.0734, 0.3906, 0.4248

Deuteranopia

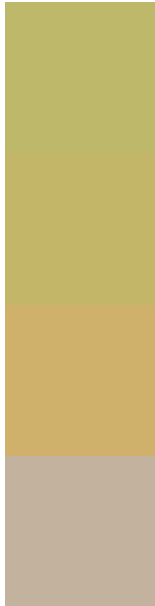
46.0513, 0.4121, 0.4045



Tritanopia

45.9087, 0.3224, 0.3116

Trichromacy



Original Color

46.1404, 0.3797, 0.4302

Protanomaly

46.0779, 0.3872, 0.4270

Deuteranomaly

45.9369, 0.4000, 0.4135

Tritanomaly

45.9115, 0.3447, 0.3549

Monochromacy



Original Color

46.1404, 0.3797, 0.4302

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

44.7006, 0.3374, 0.3682

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1404, 0.3797, 0.4302 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(189, 184, 106)` looks like.

```
.text, #text, p{  
    color:rgb(189, 184, 106)  
}
```

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(189, 184, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 184, 106) }
```

Border

The CSS property to change the border of an element to Yxy 46.1404, 0.3797, 0.4302 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(189, 184, 106) }
```

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

```
.border{ border-color:rgb(189, 184, 106) }
```

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

Here you see how a box with a 4 pixel rgb(189, 184, 106) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 184, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 184, 106);  
box-shadow:4px 4px 4px 4px rgb(189, 184,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1404, 0.3797, 0.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 184, 106) }
```

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

```
.background{ background-color: rgb(189,  
184, 106) }
```

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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