

Converting Colors

$Yxy(46.3620, 0.3419, 0.3822)$

Have a look what the booklet for
Yxy(46.3620, 0.3419, 0.3822)
contains.

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Color

Yxy(46.1491, 0.3415, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	B5B891
RGB	181, 184, 145
RGB Percent	71%, 72%, 57%
CMY	0.2901, 0.2784, 0.4315
CMYK	0.02, 0.00, 0.21, 0.28
HSL	65°, 22%, 65%
HSV	65°, 21%, 72%
XYZ	41.3104, 46.1491, 33.5080
YIQ	178.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

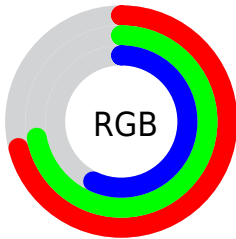
Format	Color
RYB	145, 184, 148
Decimal	11909265
CIELab	73.64, -7.65, 19.53
CIELCh	74, 20.971, 111.385
Yxy	46.1491, 0.3415, 0.3815
Android (android.graphics.Color)	4290099345 (0xFFB5B891)
YUV	178.6570, -16.5929, 2.0548
Hunter-Lab	67.9331, -10.3364, 18.3084

Details

The Yxy color **46.1491, 0.3415, 0.3815** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **29.9951, 0.2804, 0.2715**, and the grayscale version is **44.9748, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4482, 0.3363, 0.3718**, and **21.6299, 0.3498, 0.3974** is the 20% darker color. If you saturate the color by 10%, you get **45.4602, 0.3550, 0.4068**, and if you desaturate by 10%, it is **46.9357, 0.3278, 0.3563**.

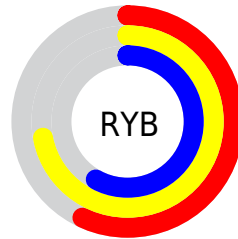
Distribution



Red (71%)

Green (72%)

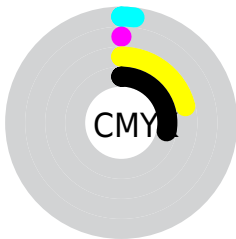
Blue (57%)



Red (57%)

Yellow (72%)

Blue (58%)

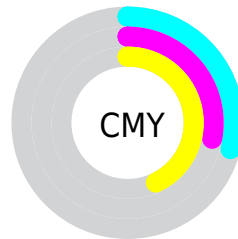


Cyan (2%)

Magenta (0%)

Yellow (21%)

Black (28%)



Cyan (29%)

Magenta (28%)

Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.1491, 0.3415, 0.3815 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 46.1491, 0.3415, 0.3815 by changing the saturation by 10% instead.

■ 46.1491, 0.3415,
0.3815

■ 46.1491, 0.3415,
0.3815

371.4078, 0.3274,
0.3548

■ 32.3635, 0.3449,
0.3883

■ 84.4421, 0.3364,
0.3717

■ 21.6393, 0.3492,
0.3970

■ 109.7183, 0.3345,
0.3681

■ 13.5921, 0.3548,
0.4087

139.5934, 0.3329,
0.3650

■ 7.8375, 0.3622,
0.4250

174.4520, 0.3315,
0.3624

■ 3.9912, 0.3723,
0.4494

214.6783, 0.3302,
0.3601

■ 1.6686, 0.4036,
0.5109

260.6567, 0.3292,

■ 0.4032, 0.3277,

0.3581

0.6723

312.7718, 0.3282,
0.3564

0.0000, 0.0000,
0.0000

46.1491, 0.3415,
0.3815

46.1491, 0.3415,
0.3815

45.4602, 0.3550,
0.4068

46.9357, 0.3278,
0.3563

44.8585, 0.3679,
0.4313

47.8180, 0.3143,
0.3319

44.3412, 0.3796,
0.4541


48.8019, 0.3014,
0.3087


43.9031, 0.3896,
0.4743

49.8912, 0.2891,
0.2869

43.5384, 0.3974,
0.4909

51.0892, 0.2778,
0.2669

 43.2402, 0.4026,
0.5033

 52.3751, 0.2675,
0.2489

 43.0008, 0.4053,
0.5114

 52.5557, 0.2685,
0.2491

 42.8250, 0.4061,
0.5158

 52.7381, 0.2694,
0.2493

 52.9222, 0.2704,
0.2496

Harmonies

Analogous

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



46.1491, 0.3633, 0.3730



46.1491, 0.3415, 0.3815



46.1491, 0.3126, 0.3746

Triad

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



46.1491, 0.3415, 0.3815



46.1491, 0.2574, 0.3003



46.1491, 0.3402, 0.3060

Complementary

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



46.1491, 0.3415, 0.3815



29.9951, 0.2804, 0.2715

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.



46.1491, 0.3106, 0.2885



46.1491, 0.3415, 0.3815



46.1491, 0.2638, 0.2844

Square

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



46.1491, 0.3415, 0.3815



46.1491, 0.2648, 0.3255



46.1491, 0.2828, 0.2806



46.1491, 0.3628, 0.3293

Rectangle

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



46.1491, 0.3415, 0.3815



46.1491, 0.2934, 0.3617



46.1491, 0.2828, 0.2806



46.1491, 0.3306, 0.2993

Sweetspot

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



46.1511, 0.3415, 0.3815



85.8793, 0.3209, 0.3437



33.2813, 0.3539, 0.3328



18.4916, 0.3217, 0.3453



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



46.1511, 0.3415, 0.3815



83.1151, 0.3472, 0.3922



43.9936, 0.3244, 0.3844



10.4676, 0.3252, 0.3517



29.5288, 0.4062, 0.5156



1.0514, 0.4098, 0.5128

Inverse Universe

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



29.9951, 0.2804, 0.2715



49.0575, 0.2729, 0.2585



31.9292, 0.2985, 0.2745



8.7513, 0.2996, 0.3055



2.4621, 0.1529, 0.0616



0.0979, 0.1642, 0.0678

Previews

White Background



This preview shows how the Yxy color 46.1491, 0.3415, 0.3815 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 46.1491, 0.3415, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

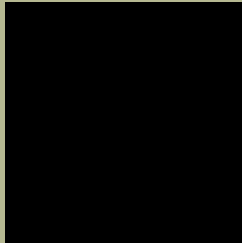
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

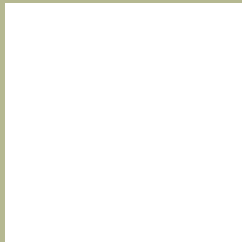
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 46.1491, 0.3415, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 46.1491, 0.3415, 0.3815.



This preview shows how white text looks on a background with the Yxy color 46.1491, 0.3415, 0.3815.

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

46.1491, 0.3415, 0.3815

Protanopia

45.8322, 0.3543, 0.3775

Deuteranopia

46.0803, 0.3697, 0.3626



Tritanopia

46.2114, 0.3093, 0.3112

Trichromacy



Original Color

46.1491, 0.3415, 0.3815

Protanomaly

45.7527, 0.3495, 0.3780

Deuteranomaly

46.0582, 0.3589, 0.3701

Tritanomaly

46.0519, 0.3211, 0.3356

Monochromacy



Original Color

46.1491, 0.3415, 0.3815

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.5411, 0.3231, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.1491, 0.3415, 0.3815 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(181, 184, 145)` looks like.

```
.text, #text, p{  
    color:rgb(181, 184, 145)  
}
```

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(181, 184, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 184, 145) }
```

Border

The CSS property to change the border of an element to Yxy 46.1491, 0.3415, 0.3815 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(181, 184, 145) }
```

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

```
.border{ border-color:rgb(181, 184, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 184, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 184, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 184, 145);  
box-shadow:4px 4px 4px 4px rgb(181, 184,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 46.1491, 0.3415, 0.3815 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 184, 145) }
```

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

```
.background{ background-color: rgb(181,  
184, 145) }
```

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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