

Converting Colors

$Yxy(46.6671, 0.3469, 0.4229)$

Have a look what the booklet for
Yxy(46.6671, 0.3469, 0.4229)
contains.

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Color

Yxy(46.6671, 0.3469, 0.4229)

Conversions

Conversions Part 1

Format	Color
Hex	A9BE7A
RGB	169, 190, 122
RGB Percent	66%, 75%, 48%
CMY	0.3375, 0.2548, 0.5216
CMYK	0.11, 0.00, 0.36, 0.25
HSL	79°, 34%, 61%
HSV	79°, 36%, 75%
XYZ	38.2805, 46.6671, 25.4026
YIQ	175.9690, 9.3120, -25.6000

Conversions

Conversions Part 2

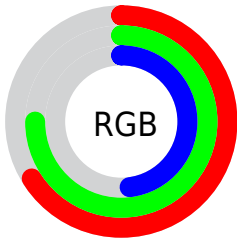
Format	Color
RYB	122, 190, 143
Decimal	11124346
CIELab	73.98, -18.58, 32.01
CIELCh	74, 37.012, 120.137
Yxy	46.6671, 0.3469, 0.4229
Android (android.graphics.Color)	4289314426 (0xFFA9BE7A)
YUV	175.9690, -26.6067, -6.1118
Hunter-Lab	68.3133, -19.5229, 25.7721

Details

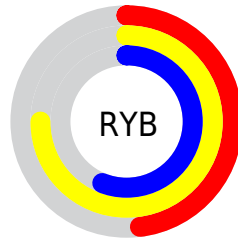
The Yxy color **46.6671, 0.3469, 0.4229** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.4841, 0.2682, 0.2283**, and the grayscale version is **43.5336, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0142, 0.3417, 0.4049**, and **22.0722, 0.3544, 0.4517** is the 20% darker color. If you saturate the color by 10%, you get **45.6071, 0.3551, 0.4501**, and if you desaturate by 10%, it is **47.8527, 0.3377, 0.3955**.

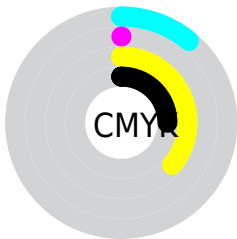
Distribution



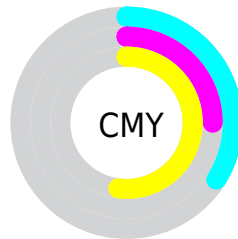
- Red (66%)
- Green (75%)
- Blue (48%)



- Red (48%)
- Yellow (75%)
- Blue (56%)



- Cyan (11%)
- Magenta (0%)
- Yellow (36%)
- Black (25%)




- Cyan (34%)
- Magenta (25%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 46.6671, 0.3469, 0.4229 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 46.6671, 0.3469, 0.4229 by changing the saturation by 10% instead.


 46.6671, 0.3469,
0.4229

 46.6671, 0.3469,
0.4229


373.4842, 0.3311,
0.3746


 32.7726, 0.3503,
0.4352


 85.2165, 0.3415,
0.4051

 21.9523, 0.3542,
0.4510


 110.6401, 0.3394,
0.3985

 13.8218, 0.3587,
0.4721


 140.6756, 0.3376,
0.3930

 7.9969, 0.3634,
0.5011

175.7073, 0.3359,
0.3882

 4.0929, 0.3680,
0.5452

216.1196, 0.3345,
0.3841

 1.7257, 0.3736,
0.6264

262.2969, 0.3332,

 0.4402, 0.0000,

0.3806

1.0000

314.6236, 0.3321,
0.3774

0.0000, 0.0000,
0.0000

46.6671, 0.3469,
0.4229

46.6671, 0.3469,
0.4229

45.6071, 0.3551,
0.4501

47.8527, 0.3377,
0.3955

44.6606, 0.3619,
0.4759

49.1629, 0.3281,
0.3686

43.8234, 0.3667,
0.4993

50.6048, 0.3183,
0.3431

43.0884, 0.3692,
0.5189

52.1831, 0.3087,
0.3192

42.4475, 0.3693,
0.5341

53.9022, 0.2995,
0.2971

■ 41.8904, 0.3669,
0.5444

■ 55.7662, 0.2907,
0.2770

■ 41.6725, 0.3656,
0.5479

■ 57.7783, 0.2825,
0.2587

■ 58.6590, 0.2867,
0.2596

■ 59.5719, 0.2910,
0.2604

Harmonies

Analogous

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



46.6671, 0.3908, 0.4114



46.6671, 0.3469, 0.4229



46.6671, 0.2959, 0.4035

Triad

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



46.6671, 0.3469, 0.4229



46.6671, 0.2199, 0.2677



46.6671, 0.3745, 0.2997

Complementary

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



46.6671, 0.3469, 0.4229



23.4841, 0.2682, 0.2283

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.



46.6671, 0.3233, 0.2680



46.6671, 0.3469, 0.4229



46.6671, 0.2366, 0.2488

Square

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



46.6671, 0.3469, 0.4229



46.6671, 0.2250, 0.3065



46.6671, 0.2731, 0.2497



46.6671, 0.4090, 0.3392

Rectangle

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



46.6671, 0.3469, 0.4229



46.6671, 0.2650, 0.3749



46.6671, 0.2731, 0.2497



46.6671, 0.3584, 0.2880

Sweetspot

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



46.6692, 0.3469, 0.4229



90.2478, 0.3236, 0.3567



31.8220, 0.3873, 0.3574



19.7396, 0.3249, 0.3602



97.7402, 0.3127, 0.3290



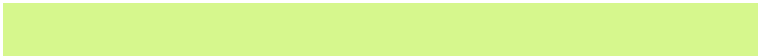
20.4902, 0.3127, 0.3290

Same Dimension

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



46.6692, 0.3469, 0.4229



83.0156, 0.3535, 0.4445



43.4410, 0.3184, 0.4319



10.9683, 0.3218, 0.3520



27.7472, 0.3663, 0.5474



1.1200, 0.3794, 0.5369

Inverse Universe

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



23.4841, 0.2682, 0.2283



34.7749, 0.2558, 0.2030



26.9167, 0.3024, 0.2376



9.3649, 0.3031, 0.3056



3.1243, 0.1725, 0.0724



0.1580, 0.2005, 0.0878

Previews

White Background



This preview shows how the Yxy color 46.6671, 0.3469, 0.4229 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 46.6671, 0.3469, 0.4229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

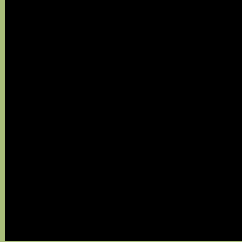
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.6671, 0.3469, 0.4229

Background



This preview shows how black text looks on a background with the Yxy color 46.6671, 0.3469, 0.4229.



This preview shows how white text looks on a background with the Yxy color 46.6671, 0.3469, 0.4229.

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

46.6671, 0.3469, 0.4229

Protanopia

46.2500, 0.3786, 0.4084

Deuteranopia

46.5302, 0.3951, 0.3869



Tritanopia

46.5716, 0.3002, 0.3109

Trichromacy



Original Color

46.6671, 0.3469, 0.4229

Protanomaly

46.2018, 0.3671, 0.4134

Deuteranomaly

46.4025, 0.3770, 0.3990

Tritanomaly

46.2221, 0.3176, 0.3505

Monochromacy



Original Color

46.6671, 0.3469, 0.4229

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.3323, 0.3259, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.6671, 0.3469, 0.4229 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(169, 190, 122)` looks like.

```
.text, #text, p{  
    color:rgb(169, 190, 122)  
}
```

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(169, 190, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 190, 122) }
```

Border

The CSS property to change the border of an element to Yxy 46.6671, 0.3469, 0.4229 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(169, 190, 122) }
```

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

```
.border{ border-color:rgb(169, 190, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 190, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 190, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 190, 122); box-shadow:4px 4px 4px 4px rgb(169, 190, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 46.6671, 0.3469, 0.4229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 190, 122) }
```

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

```
.background{ background-color: rgb(169,  
190, 122) }
```

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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