

Converting Colors

$Yxy(42.8839, 0.3337, 0.4033)$

Have a look what the booklet for
Yxy(42.8839, 0.3337, 0.4033)
contains.

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Color

Yxy(42.9792, 0.3339, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	A0B783
RGB	160, 183, 131
RGB Percent	63%, 72%, 51%
CMY	0.3725, 0.2824, 0.4862
CMYK	0.13, 0.00, 0.28, 0.28
HSL	87°, 27%, 62%
HSV	87°, 28%, 72%
XYZ	35.5305, 42.9792, 27.9008
YIQ	170.1950, 2.9840, -21.0480

Conversions

Conversions Part 2

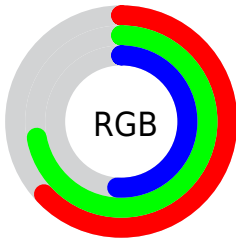
Format	Color
RYB	131, 183, 154
Decimal	10532739
CIELab	71.54, -17.15, 23.90
CIELCh	72, 29.415, 125.658
Yxy	42.9792, 0.3339, 0.4039
Android (android.graphics.Color)	4288722819 (0xFFA0B783)
YUV	170.1950, -19.3231, -8.9410
Hunter-Lab	65.5585, -17.9866, 20.6579

Details

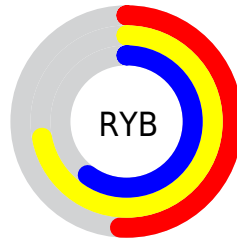
The Yxy color **42.9792, 0.3339, 0.4039** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.5256, 0.2860, 0.2530**, and the grayscale version is **40.4005, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.6408, 0.3305, 0.3897**, and **19.7475, 0.3390, 0.4277** is the 20% darker color. If you saturate the color by 10%, you get **41.7208, 0.3405, 0.4327**, and if you desaturate by 10%, it is **44.3833, 0.3266, 0.3760**.

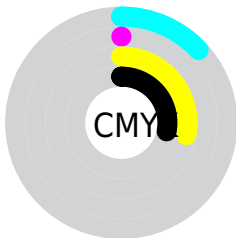
Distribution



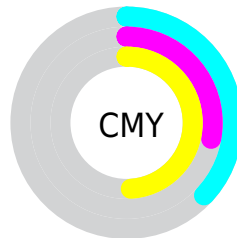
- Red (63%)
- Green (72%)
- Blue (51%)



- Red (51%)
- Yellow (72%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (28%)





- Cyan (37%)
- Magenta (28%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.9792, 0.3339, 0.4039 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 42.9792, 0.3339, 0.4039 by changing the saturation by 10% instead.


 42.9792, 0.3339,
0.4039


 42.9792, 0.3339,
0.4039


358.5262, 0.3239,
0.3648


 29.8688, 0.3361,
0.4141


 79.6795, 0.3305,
0.3893

 19.7390, 0.3387,
0.4276


 104.0381, 0.3291,
0.3840

 12.2055, 0.3418,
0.4458


 132.9150, 0.3280,
0.3795

 6.8838, 0.3452,
0.4721

166.6945, 0.3270,
0.3757

 3.3895, 0.3479,
0.5122

205.7609, 0.3261,
0.3724

 1.3383, 0.3729,
0.6271

250.4988, 0.3253,

 0.1706, 0.0000,

0.3695

1.0000

301.2924, 0.3246,
0.3670

0.0000, 0.0000,
0.0000

42.9792, 0.3339,
0.4039

42.9792, 0.3339,
0.4039

41.7208, 0.3405,
0.4327

44.3833, 0.3266,
0.3760

40.5967, 0.3461,
0.4615

45.9327, 0.3191,
0.3497

39.6029, 0.3502,
0.4891


47.6343, 0.3115,
0.3252

38.7326, 0.3523,
0.5142

49.4928, 0.3042,
0.3029

37.9785, 0.3523,
0.5353


51.5126, 0.2971,
0.2827

 37.3318, 0.3499,
0.5515


 53.6980, 0.2904,
0.2645

 36.7792, 0.3456,
0.5627

 55.7852, 0.2869,
0.2521

 36.6968, 0.3449,
0.5644

 57.0530, 0.2929,
0.2534

 58.3824, 0.2990,
0.2547

Harmonies

Analogous

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



42.9792, 0.3716, 0.4002



42.9792, 0.3339, 0.4039



42.9792, 0.2921, 0.3833

Triad

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



42.9792, 0.3339, 0.4039



42.9792, 0.2368, 0.2747



42.9792, 0.3697, 0.3109

Complementary

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



42.9792, 0.3339, 0.4039



26.5256, 0.2860, 0.2530

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.



42.9792, 0.3298, 0.2824



42.9792, 0.3339, 0.4039



42.9792, 0.2542, 0.2614

Square

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



42.9792, 0.3339, 0.4039



42.9792, 0.2378, 0.3044



42.9792, 0.2874, 0.2647



42.9792, 0.3939, 0.3447

Rectangle

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



42.9792, 0.3339, 0.4039



42.9792, 0.2675, 0.3588



42.9792, 0.2874, 0.2647



42.9792, 0.3576, 0.3005

Sweetspot

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



42.9811, 0.3339, 0.4039



82.0503, 0.3196, 0.3516



34.6666, 0.3653, 0.3608



18.0302, 0.3207, 0.3553



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.



42.9811, 0.3339, 0.4039



75.5602, 0.3381, 0.4216



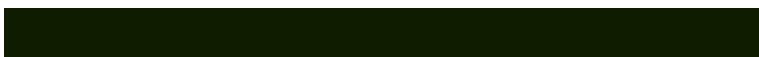
40.6138, 0.3118, 0.4092



10.3005, 0.3198, 0.3520



25.6417, 0.3457, 0.5637



0.9400, 0.3644, 0.5488

Inverse Universe

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



26.5256, 0.2860, 0.2530



41.3031, 0.2788, 0.2347



29.3031, 0.3123, 0.2587



8.9085, 0.3051, 0.3059



3.6420, 0.1929, 0.0836



0.1652, 0.2231, 0.1003

Previews

White Background



This preview shows how the Yxy color 42.9792, 0.3339, 0.4039 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 42.9792, 0.3339, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

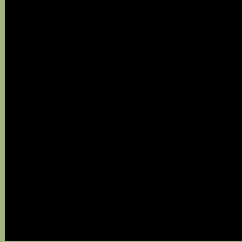
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.9792, 0.3339, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 42.9792, 0.3339, 0.4039.



This preview shows how white text looks on a background with the Yxy color 42.9792, 0.3339, 0.4039.

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

42.9792, 0.3339, 0.4039

Protanopia

42.8836, 0.3659, 0.3933

Deuteranopia

42.7056, 0.3791, 0.3723



Tritanopia

42.6589, 0.2956, 0.3101

Trichromacy



Original Color

42.9792, 0.3339, 0.4039

Protanomaly

42.8643, 0.3544, 0.3979

Deuteranomaly

42.3994, 0.3624, 0.3826

Tritanomaly

42.6673, 0.3095, 0.3429

Monochromacy



Original Color

42.9792, 0.3339, 0.4039

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

41.1672, 0.3204, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.9792, 0.3339, 0.4039 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(160, 183, 131)` looks like.

```
.text, #text, p{  
    color:rgb(160, 183, 131)  
}
```

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(160, 183, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 183, 131) }
```

Border

The CSS property to change the border of an element to Yxy 42.9792, 0.3339, 0.4039 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(160, 183, 131) }
```

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

```
.border{ border-color:rgb(160, 183, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 183, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 183, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 183, 131);  
box-shadow:4px 4px 4px 4px rgb(160, 183,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 42.9792, 0.3339, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 183, 131) }
```

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

```
.background{ background-color: rgb(160,  
183, 131) }
```

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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