

Converting Colors

$Yxy(44.5340, 0.3331, 0.4105)$

Have a look what the booklet for
Yxy(44.5340, 0.3331, 0.4105)
contains.

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Color

Yxy(44.5233, 0.3329, 0.4106)

Conversions

Conversions Part 1

Format	Color
Hex	9FBB82
RGB	159, 187, 130
RGB Percent	62%, 73%, 51%
CMY	0.3765, 0.2667, 0.4902
CMYK	0.15, 0.00, 0.30, 0.27
HSL	89°, 30%, 62%
HSV	89°, 30%, 73%
XYZ	36.0979, 44.5233, 27.8135
YIQ	172.1300, 1.6090, -23.6630

Conversions

Conversions Part 2

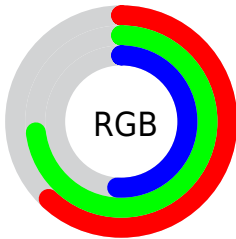
Format	Color
RYB	130, 187, 158
Decimal	10468226
CIELab	72.58, -19.71, 25.82
CIELCh	73, 32.480, 127.352
Yxy	44.5233, 0.3329, 0.4106
Android (android.graphics.Color)	4288658306 (0xFF9FBB82)
YUV	172.1300, -20.7701, -11.5150
Hunter-Lab	66.7258, -20.2036, 21.9940

Details

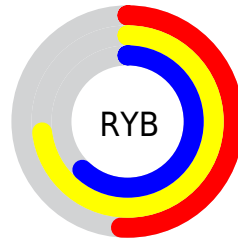
The Yxy color **44.5233, 0.3329, 0.4106** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.8269, 0.2864, 0.2474**, and the grayscale version is **41.4319, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.8162, 0.3299, 0.3950**, and **20.7552, 0.3373, 0.4366** is the 20% darker color. If you saturate the color by 10%, you get **43.1630, 0.3385, 0.4401**, and if you desaturate by 10%, it is **46.0486, 0.3266, 0.3820**.

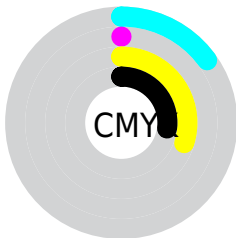
Distribution



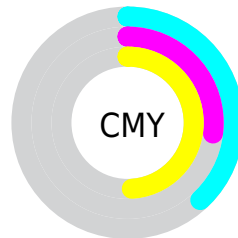
- Red (62%)
- Green (73%)
- Blue (51%)



- Red (51%)
- Yellow (73%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (30%)
- Black (27%)





- Cyan (38%)
- Magenta (27%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5233, 0.3329, 0.4106 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 44.5233, 0.3329, 0.4106 by changing the saturation by 10% instead.

 44.5233, 0.3329,
0.4106


 44.5233, 0.3329,
0.4106


364.8395, 0.3237,
0.3681


 31.0821, 0.3348,
0.4217


 82.0046, 0.3298,
0.3948

 20.6614, 0.3371,
0.4362


 106.8135, 0.3286,
0.3890

 12.8767, 0.3395,
0.4558

 136.1805, 0.3275,
0.3841

 7.3437, 0.3418,
0.4838

170.4898, 0.3265,
0.3799

 3.6780, 0.3426,
0.5263

210.1260, 0.3257,
0.3764

 1.4951, 0.3604,
0.6396

255.4734, 0.3250,

 0.2853, 0.0000,

0.3732

1.0000

306.9164, 0.3243,
0.3705

0.0000, 0.0000,
0.0000

44.5233, 0.3329,
0.4106

44.5233, 0.3329,
0.4106

43.1630, 0.3385,
0.4401

46.0486, 0.3266,
0.3820

41.9554, 0.3430,
0.4695

47.7391, 0.3198,
0.3551

40.8955, 0.3459,
0.4976


49.6025, 0.3130,
0.3301

39.9756, 0.3469,
0.5228


51.6440, 0.3064,
0.3074


39.1872, 0.3457,
0.5438

53.8690, 0.2999,
0.2869

 38.5205, 0.3424,
0.5595

 56.2822, 0.2938,
0.2684

 37.9815, 0.3377,
0.5700

 58.5015, 0.2920,
0.2574

 60.0038, 0.2988,
0.2589

 61.5865, 0.3057,
0.2603

Harmonies

Analogous

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



44.5233, 0.3747, 0.4074



44.5233, 0.3329, 0.4106



44.5233, 0.2876, 0.3866

Triad

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



44.5233, 0.3329, 0.4106



44.5233, 0.2310, 0.2685



44.5233, 0.3770, 0.3111

Complementary

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



44.5233, 0.3329, 0.4106



26.8269, 0.2864, 0.2474

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.



44.5233, 0.3339, 0.2800



44.5233, 0.3329, 0.4106



44.5233, 0.2508, 0.2554

Square

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



44.5233, 0.3329, 0.4106



44.5233, 0.2308, 0.2996



44.5233, 0.2875, 0.2601



44.5233, 0.4022, 0.3477

Rectangle

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



44.5233, 0.3329, 0.4106



44.5233, 0.2614, 0.3590



44.5233, 0.2875, 0.2601



44.5233, 0.3640, 0.2998

Sweetspot

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



44.5252, 0.3329, 0.4106



85.9226, 0.3189, 0.3516



36.4804, 0.3690, 0.3671



18.8185, 0.3199, 0.3554



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.



44.5252, 0.3329, 0.4106



77.9743, 0.3370, 0.4316



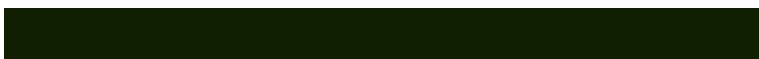
41.9766, 0.3093, 0.4168



10.8817, 0.3191, 0.3522



26.2114, 0.3386, 0.5694



1.0656, 0.3571, 0.5547

Inverse Universe

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



26.8269, 0.2864, 0.2474



40.9079, 0.2786, 0.2264



30.0021, 0.3152, 0.2541



9.4493, 0.3059, 0.3058



4.0786, 0.2018, 0.0885



0.1987, 0.2287, 0.1034

Previews

White Background



This preview shows how the Yxy color 44.5233, 0.3329, 0.4106 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 44.5233, 0.3329, 0.4106 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

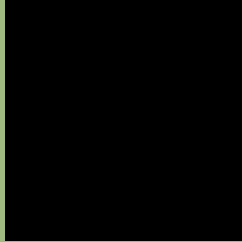
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5233, 0.3329, 0.4106

Background



This preview shows how black text looks on a background with the Yxy color 44.5233, 0.3329, 0.4106.



This preview shows how white text looks on a background with the Yxy color 44.5233, 0.3329, 0.4106.

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

44.5233, 0.3329, 0.4106

Protanopia

44.5536, 0.3694, 0.3973

Deuteranopia

44.0260, 0.3822, 0.3741



Tritanopia

44.4153, 0.2927, 0.3103

Trichromacy



Original Color

44.5233, 0.3329, 0.4106

Protanomaly

44.2834, 0.3561, 0.4025

Deuteranomaly

43.8205, 0.3633, 0.3859

Tritanomaly

44.3575, 0.3077, 0.3455

Monochromacy



Original Color

44.5233, 0.3329, 0.4106

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0941, 0.3202, 0.3571

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5233, 0.3329, 0.4106 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(159, 187, 130)` looks like.

```
.text, #text, p{  
    color:rgb(159, 187, 130)  
}
```

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(159, 187, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 187, 130) }
```

Border

The CSS property to change the border of an element to Yxy 44.5233, 0.3329, 0.4106 is called "border". The border property can be set on classes, ids or directly on the HTML element.

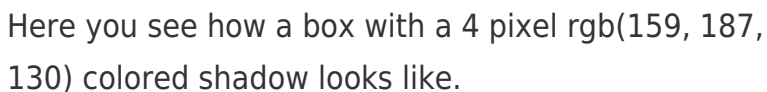
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(159, 187, 130) }
```

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

```
.border{ border-color:rgb(159, 187, 130) }
```

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



Here you see how a box with a 4 pixel `rgb(159, 187, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 187, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 187, 130);  
box-shadow:4px 4px 4px 4px rgb(159, 187,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5233, 0.3329, 0.4106 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 187, 130) }
```

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

```
.background{ background-color: rgb(159,  
187, 130) }
```

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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