

Converting Colors

$Yxy(44.1737, 0.3494, 0.3987)$

Have a look what the booklet for
Yxy(44.1737, 0.3494, 0.3987)
contains.

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Color

Yxy(44.3247, 0.3488, 0.3992)

Conversions

Conversions Part 1

Format	Color
Hex	B0B683
RGB	176, 182, 131
RGB Percent	69%, 71%, 51%
CMY	0.3098, 0.2863, 0.4863
CMYK	0.03, 0.00, 0.28, 0.29
HSL	67°, 26%, 61%
HSV	67°, 28%, 71%
XYZ	38.7286, 44.3247, 27.9805
YIQ	174.3920, 12.7950, -17.1330

Conversions

Conversions Part 2

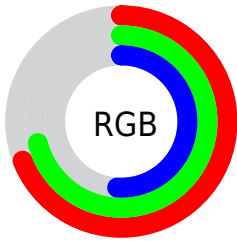
Format	Color
RYB	131, 182, 137
Decimal	11581059
CIELab	72.44, -10.55, 25.34
CIELCh	72, 27.445, 112.599
Yxy	44.3247, 0.3488, 0.3992
Android (android.graphics.Color)	4289771139 (0xFFB0B683)
YUV	174.3920, -21.3923, 1.4102
Hunter-Lab	66.5768, -12.6736, 21.6857

Details

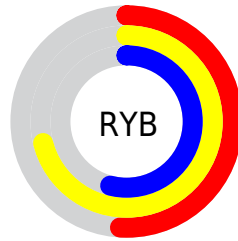
The Yxy color **44.3247, 0.3488, 0.3992** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.9229, 0.2702, 0.2506**, and the grayscale version is **42.6473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7656, 0.3427, 0.3865**, and **20.5055, 0.3585, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **43.6282, 0.3612, 0.4245**, and if you desaturate by 10%, it is **45.1158, 0.3359, 0.3736**.

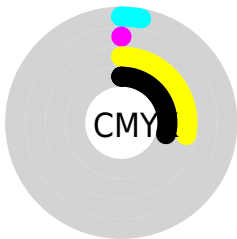
Distribution



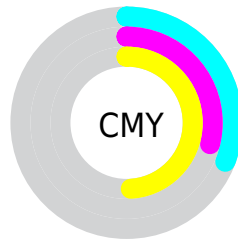
- Red (69%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (54%)



- Cyan (3%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3247, 0.3488, 0.3992 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 44.3247, 0.3488, 0.3992 by changing the saturation by 10% instead.

 44.3247, 0.3488,
0.3992

 44.3247, 0.3488,
0.3992


364.0316, 0.3312,
0.3632


 30.9259, 0.3530,
0.4084


 81.7061, 0.3426,
0.3859

 20.5424, 0.3581,
0.4203


 106.4575, 0.3402,
0.3810

 12.7899, 0.3646,
0.4362

 135.7618, 0.3381,
0.3769

 7.2840, 0.3729,
0.4584

170.0035, 0.3364,
0.3733

 3.6404, 0.3831,
0.4909

209.5669, 0.3348,
0.3703

 1.4745, 0.4205,
0.5795

254.8365, 0.3335,

 0.2707, 0.0000,

0.3676

1.0000

306.1966, 0.3323,
0.3653

■ 0.0000, 0.0000,
0.0000

■ 44.3247, 0.3488,
0.3992

■ 44.3247, 0.3488,
0.3992

■ 43.6282, 0.3612,
0.4245

■ 45.1158, 0.3359,
0.3736

■ 43.0157, 0.3726,
0.4486

■ 45.9998, 0.3229,
0.3485

■ 42.4844, 0.3824,
0.4705

■ 46.9826, 0.3103,
0.3244

■ 42.0286, 0.3902,
0.4891

■ 48.0679, 0.2981,
0.3017

■ 41.6423, 0.3955,
0.5038

■ 49.2593, 0.2867,
0.2806

■ 41.3181, 0.3983,
0.5141

■ 50.5600, 0.2761,
0.2613

■ 41.0444, 0.3988,
0.5205

■ 51.7532, 0.2684,
0.2469

■ 40.9929, 0.3988,
0.5215

■ 52.0328, 0.2699,
0.2472

■ 52.3166, 0.2714,
0.2475

Harmonies

Analogous

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



44.3247, 0.3786, 0.3875



44.3247, 0.3488, 0.3992



44.3247, 0.3104, 0.3897

Triad

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



44.3247, 0.3488, 0.3992



44.3247, 0.2404, 0.2893



44.3247, 0.3505, 0.2998

Complementary

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



44.3247, 0.3488, 0.3992



24.9229, 0.2702, 0.2506

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.



44.3247, 0.3111, 0.2771



44.3247, 0.3488, 0.3992



44.3247, 0.2494, 0.2698

Square

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



44.3247, 0.3488, 0.3992



44.3247, 0.2491, 0.3222



44.3247, 0.2745, 0.2661



44.3247, 0.3804, 0.3299

Rectangle

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



44.3247, 0.3488, 0.3992



44.3247, 0.2854, 0.3717



44.3247, 0.2745, 0.2661



44.3247, 0.3378, 0.2912

Sweetspot

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



44.3267, 0.3488, 0.3992



83.3748, 0.3231, 0.3487



29.4571, 0.3706, 0.3377



18.3592, 0.3250, 0.3525



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.



44.3267, 0.3488, 0.3992



79.5123, 0.3570, 0.4158



41.6318, 0.3257, 0.4047



10.4483, 0.3246, 0.3517



28.9657, 0.3990, 0.5214



1.0364, 0.4046, 0.5169

Inverse Universe

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



24.9229, 0.2702, 0.2506



38.1822, 0.2583, 0.2293



27.3340, 0.2955, 0.2560



8.7687, 0.3002, 0.3055



2.5166, 0.1549, 0.0627



0.1054, 0.1716, 0.0719

Previews

White Background



This preview shows how the Yxy color 44.3247, 0.3488, 0.3992 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 44.3247, 0.3488, 0.3992 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

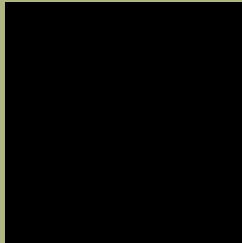
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

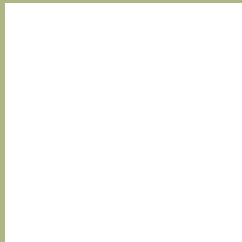
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.3247, 0.3488, 0.3992

Background



This preview shows how black text looks on a background with the Yxy color 44.3247, 0.3488, 0.3992.



This preview shows how white text looks on a background with the Yxy color 44.3247, 0.3488, 0.3992.

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

44.3247, 0.3488, 0.3992

Protanopia

44.1056, 0.3663, 0.3924

Deuteranopia

43.9982, 0.3831, 0.3754



Tritanopia

44.3581, 0.3092, 0.3121

Trichromacy



Original Color

44.3247, 0.3488, 0.3992

Protanomaly

44.2910, 0.3600, 0.3946

Deuteranomaly

43.8084, 0.3707, 0.3836

Tritanomaly

44.3341, 0.3235, 0.3438

Monochromacy



Original Color

44.3247, 0.3488, 0.3992

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0269, 0.3266, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3247, 0.3488, 0.3992 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(176, 182, 131)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 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(176, 182, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.3247, 0.3488, 0.3992 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(176, 182, 131) }
```

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

```
.border{ border-color:rgb(176, 182, 131) }
```

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

Here you see how a box with a 4 pixel rgb(176, 182, 131) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 131);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3247, 0.3488, 0.3992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 131) }
```

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

```
.background{ background-color: rgb(176,  
182, 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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