

Converting Colors

$Y_{xy}(44.2755, 0.3551, 0.4090)$

Have a look what the booklet for
Yxy(44.2755, 0.3551, 0.4090)
contains.

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Color

Yxy(44.2582, 0.3553, 0.4085)

Conversions

Conversions Part 1

Format	Color
Hex	B1B67C
RGB	177, 182, 124
RGB Percent	69%, 71%, 49%
CMY	0.3060, 0.2862, 0.5136
CMYK	0.03, 0.00, 0.32, 0.29
HSL	65°, 28%, 60%
HSV	65°, 32%, 71%
XYZ	38.4943, 44.2582, 25.5907
YIQ	173.8930, 15.6380, -19.0980

Conversions

Conversions Part 2

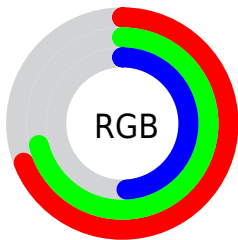
Format	Color
RYB	124, 182, 129
Decimal	11646588
CIELab	72.40, -11.10, 28.99
CIELCh	72, 31.044, 110.960
Yxy	44.2582, 0.3553, 0.4085
Android (android.graphics.Color)	4289836668 (0xFFB1B67C)
YUV	173.8930, -24.5972, 2.7248
Hunter-Lab	66.5268, -13.1367, 23.7619

Details

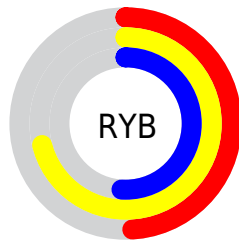
The Yxy color $44.2582, 0.3553, 0.4085$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $22.4717, 0.2616, 0.2378$, and the grayscale version is $42.3924, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.6470, 0.3479, 0.3938$, and $20.4800, 0.3671, 0.4321$ is the 20% darker color. If you saturate the color by 10%, you get $43.6567, 0.3679, 0.4331$, and if you desaturate by 10%, it is $44.9508, 0.3420, 0.3832$.

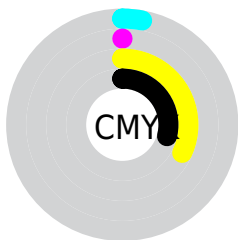
Distribution



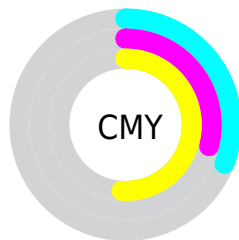
- Red (69%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (51%)



- Cyan (3%)
- Magenta (0%)
- Yellow (32%)
- Black (29%)




- Cyan (31%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2582, 0.3553, 0.4085 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 44.2582, 0.3553, 0.4085 by changing the saturation by 10% instead.


 44.2582, 0.3553,
0.4085

 44.2582, 0.3553,
0.4085

363.7609, 0.3346,
0.3678


 30.8735, 0.3601,
0.4188


 81.6061, 0.3480,
0.3935

 20.5026, 0.3660,
0.4321


 106.3382, 0.3452,
0.3880

 12.7609, 0.3734,
0.4498


 135.6215, 0.3428,
0.3833

 7.2641, 0.3824,
0.4741

169.8405, 0.3407,
0.3793

 3.6278, 0.3943,
0.5109

209.3795, 0.3389,
0.3758

 1.4676, 0.4168,
0.5832

254.6230, 0.3373,

 0.2658, 0.0000,

0.3728

1.0000

305.9553, 0.3359,
0.3701

0.0000, 0.0000,
0.0000

44.2582, 0.3553,
0.4085

44.2582, 0.3553,
0.4085

43.6567, 0.3679,
0.4331

44.9508, 0.3420,
0.3832

43.1357, 0.3793,
0.4559

45.7329, 0.3285,
0.3579

42.6920, 0.3890,
0.4761


46.6105, 0.3151,
0.3334

42.3200, 0.3964,
0.4926


47.5874, 0.3023,
0.3101

42.0129, 0.4013,
0.5051

48.6673, 0.2902,
0.2884

 41.7631, 0.4037,
0.5131

 49.8534, 0.2789,
0.2683

 41.5891, 0.4042,
0.5173

 51.1491, 0.2685,
0.2499

 51.5786, 0.2674,
0.2467

 51.7827, 0.2685,
0.2469

Harmonies

Analogous

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



44.2582, 0.3884, 0.3933



44.2582, 0.3553, 0.4085



44.2582, 0.3122, 0.3996

Triad

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



44.2582, 0.3553, 0.4085



44.2582, 0.2317, 0.2855



44.2582, 0.3531, 0.2945

Complementary

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



44.2582, 0.3553, 0.4085



22.4717, 0.2616, 0.2378

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.



44.2582, 0.3083, 0.2698



44.2582, 0.3553, 0.4085



44.2582, 0.2406, 0.2631

Square

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



44.2582, 0.3553, 0.4085



44.2582, 0.2423, 0.3232



44.2582, 0.2676, 0.2583



44.2582, 0.3880, 0.3276

Rectangle

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



44.2582, 0.3553, 0.4085



44.2582, 0.2838, 0.3798



44.2582, 0.2676, 0.2583



44.2582, 0.3385, 0.2851

Sweetspot

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



44.2602, 0.3553, 0.4085



83.1590, 0.3262, 0.3537



27.0654, 0.3821, 0.3362



18.3202, 0.3281, 0.3572



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.



44.2602, 0.3553, 0.4085



79.4741, 0.3640, 0.4253



41.2294, 0.3289, 0.4158



10.4626, 0.3251, 0.3517



29.3805, 0.4044, 0.5171



1.0474, 0.4085, 0.5139

Inverse Universe

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



22.4717, 0.2616, 0.2378



33.9556, 0.2485, 0.2150



25.0536, 0.2906, 0.2449



8.7558, 0.2997, 0.3055



2.4746, 0.1533, 0.0618



0.0998, 0.1661, 0.0689

Previews

White Background



This preview shows how the Yxy color 44.2582, 0.3553, 0.4085 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 44.2582, 0.3553, 0.4085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

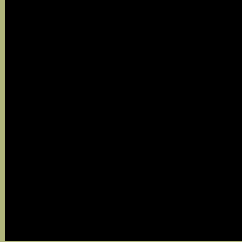
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2582, 0.3553, 0.4085

Background



This preview shows how black text looks on a background with the Yxy color 44.2582, 0.3553, 0.4085.



This preview shows how white text looks on a background with the Yxy color 44.2582, 0.3553, 0.4085.

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

44.2582, 0.3553, 0.4085

Protanopia

44.0559, 0.3732, 0.4013

Deuteranopia

44.1306, 0.3905, 0.3823



Tritanopia

44.2172, 0.3109, 0.3109

Trichromacy



Original Color

44.2582, 0.3553, 0.4085

Protanomaly

44.2351, 0.3667, 0.4037

Deuteranomaly

43.9206, 0.3779, 0.3909

Tritanomaly

44.1060, 0.3271, 0.3451

Monochromacy



Original Color

44.2582, 0.3553, 0.4085

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.9585, 0.3283, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2582, 0.3553, 0.4085 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(177, 182, 124)` looks like.

```
.text, #text, p{  
    color:rgb(177, 182, 124)  
}
```

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(177, 182, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 182, 124) }
```

Border

The CSS property to change the border of an element to Yxy 44.2582, 0.3553, 0.4085 is called "border". The border property can be set on classes, ids or directly on the HTML element.

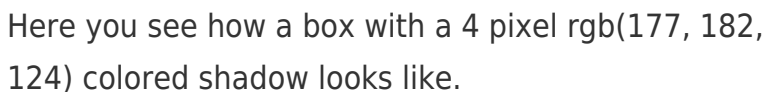
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(177, 182, 124) }
```

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

```
.border{ border-color:rgb(177, 182, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(177, 182, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 182, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 182, 124);  
box-shadow:4px 4px 4px 4px rgb(177, 182,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2582, 0.3553, 0.4085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 182, 124) }
```

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

```
.background{ background-color: rgb(177,  
182, 124) }
```

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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