

Converting Colors

$Y_{xy}(44.6241, 0.3314, 0.3734)$

Have a look what the booklet for
Yxy(44.6241, 0.3314, 0.3734)
contains.

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Color

Yxy(44.6566, 0.3315, 0.3730)

Conversions

Conversions Part 1

Format	Color
Hex	AEB696
RGB	174, 182, 150
RGB Percent	68%, 71%, 59%
CMY	0.3176, 0.2863, 0.4118
CMYK	0.04, 0.00, 0.18, 0.29
HSL	75°, 18%, 65%
HSV	75°, 18%, 71%
XYZ	39.6881, 44.6566, 35.3781
YIQ	175.9600, 5.5040, -11.6480

Conversions

Conversions Part 2

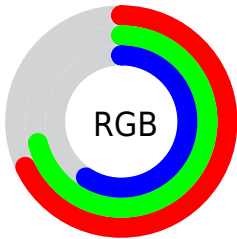
Format	Color
RYB	150, 182, 158
Decimal	11450006
CIELab	72.67, -8.46, 15.38
CIELCh	73, 17.549, 118.819
Yxy	44.6566, 0.3315, 0.3730
Android (android.graphics.Color)	4289640086 (0xFFAEB696)
YUV	175.9600, -12.7983, -1.7189
Hunter-Lab	66.8256, -10.9326, 15.3892

Details

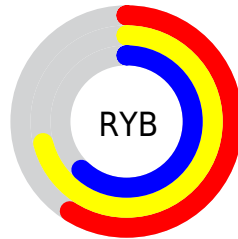
The Yxy color $44.6566, 0.3315, 0.3730$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.4565, 0.2917, 0.2831$, and the grayscale version is $43.4607, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3317, 0.3286, 0.3650$, and $20.6663, 0.3362, 0.3863$ is the 20% darker color. If you saturate the color by 10%, you get $43.6032, 0.3421, 0.3995$, and if you desaturate by 10%, it is $45.8227, 0.3208, 0.3475$.

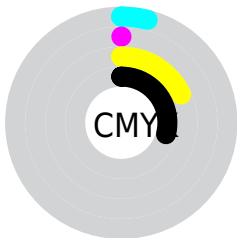
Distribution



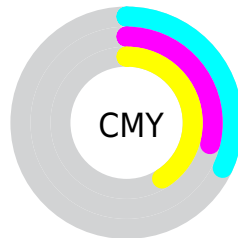
- Red (68%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)




- Cyan (32%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6566, 0.3315, 0.3730 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 44.6566, 0.3315, 0.3730 by changing the saturation by 10% instead.


 44.6566, 0.3315,
0.3730


 44.6566, 0.3315,
0.3730


365.3810, 0.3223,
0.3505

 31.1870, 0.3337,
0.3788


 82.2049, 0.3282,
0.3647

 20.7413, 0.3366,
0.3863


 107.0523, 0.3269,
0.3616

 12.9350, 0.3403,
0.3965


136.4613, 0.3259,
0.3590

 7.3838, 0.3452,
0.4110

170.8160, 0.3249,
0.3568

 3.7033, 0.3521,
0.4331

210.5009, 0.3241,
0.3549

 1.5090, 0.3716,
0.4836

255.9005, 0.3234,

 0.2951, 0.2004,

0.3532

0.7996

307.3990, 0.3228,
0.3518

0.0000, 0.0000,
0.0000

44.6566, 0.3315,
0.3730

44.6566, 0.3315,
0.3730

43.6032, 0.3421,
0.3995

45.8227, 0.3208,
0.3475

42.6523, 0.3522,
0.4262

47.0997, 0.3102,
0.3233

41.8011, 0.3612,
0.4523

48.4934, 0.3000,
0.3009

41.0445, 0.3687,
0.4767

50.0075, 0.2904,
0.2803

40.3769, 0.3742,
0.4983

51.6455, 0.2814,
0.2615

■ 39.7919, 0.3774,
0.5160

■ 53.1375, 0.2757,
0.2485

■ 39.2822, 0.3780,
0.5292

■ 53.7788, 0.2789,
0.2492

■ 38.8367, 0.3763,
0.5379

■ 54.4389, 0.2823,
0.2500

■ 38.7344, 0.3758,
0.5398

■ 55.1180, 0.2856,
0.2507

Harmonies

Analogous

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



44.6566, 0.3519, 0.3692



44.6566, 0.3315, 0.3730



44.6566, 0.3066, 0.3638

Triad

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



44.6566, 0.3315, 0.3730



44.6566, 0.2658, 0.3006



44.6566, 0.3415, 0.3141

Complementary

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



44.6566, 0.3315, 0.3730



32.4565, 0.2917, 0.2831

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.



44.6566, 0.3174, 0.2975



44.6566, 0.3315, 0.3730



44.6566, 0.2742, 0.2893

Square

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



44.6566, 0.3315, 0.3730



44.6566, 0.2693, 0.3205



44.6566, 0.2928, 0.2885



44.6566, 0.3581, 0.3347

Rectangle

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



44.6566, 0.3315, 0.3730



44.6566, 0.2909, 0.3514



44.6566, 0.2928, 0.2885



44.6566, 0.3340, 0.3079

Sweetspot

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



44.6586, 0.3315, 0.3730



83.6313, 0.3181, 0.3413



36.5996, 0.3441, 0.3402



18.4367, 0.3188, 0.3430



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.



44.6586, 0.3315, 0.3730



80.2173, 0.3355, 0.3829



42.9283, 0.3174, 0.3750



10.3873, 0.3226, 0.3518



27.3847, 0.3763, 0.5394



0.9927, 0.3880, 0.5301

Inverse Universe

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



32.4565, 0.2917, 0.2831



54.0636, 0.2865, 0.2722



34.1867, 0.3069, 0.2851



8.8251, 0.3022, 0.3056



2.8142, 0.1655, 0.0686



0.1293, 0.1937, 0.0841

Previews

White Background



This preview shows how the Yxy color 44.6566, 0.3315, 0.3730 looks on a white background.

Color Contrast Check

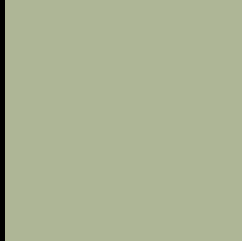
Large Text (above 18pt) WCAG AA × Fail

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 44.6566, 0.3315, 0.3730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

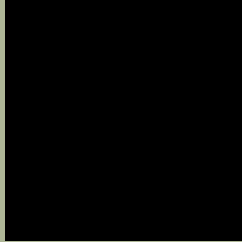
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

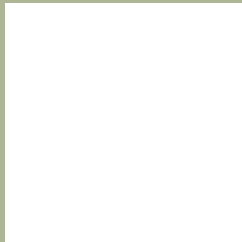
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6566, 0.3315, 0.3730

Background



This preview shows how black text looks on a background with the Yxy color 44.6566, 0.3315, 0.3730.



This preview shows how white text looks on a background with the Yxy color 44.6566, 0.3315, 0.3730.

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

44.6566, 0.3315, 0.3730

Protanopia

44.6703, 0.3469, 0.3689

Deuteranopia

44.3720, 0.3614, 0.3531



Tritanopia

44.4717, 0.3049, 0.3107

Trichromacy



Original Color

44.6566, 0.3315, 0.3730

Protanomaly

44.4774, 0.3411, 0.3694

Deuteranomaly

44.3636, 0.3507, 0.3604

Tritanomaly

44.4009, 0.3151, 0.3330

Monochromacy



Original Color

44.6566, 0.3315, 0.3730

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7448, 0.3190, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6566, 0.3315, 0.3730 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(174, 182, 150)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 150)  
}
```

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(174, 182, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 150) }
```

Border

The CSS property to change the border of an element to Yxy 44.6566, 0.3315, 0.3730 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(174, 182, 150) }
```

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

```
.border{ border-color:rgb(174, 182, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 150);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6566, 0.3315, 0.3730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 150) }
```

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

```
.background{ background-color: rgb(174,  
182, 150) }
```

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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