

Converting Colors

$Yxy(44.6764, 0.3348, 0.3771)$

Have a look what the booklet for
Yxy(44.6764, 0.3348, 0.3771)
contains.

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Color

Yxy(44.6764, 0.3348, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	AFB693
RGB	175, 182, 147
RGB Percent	69%, 71%, 58%
CMY	0.3139, 0.2862, 0.4236
CMYK	0.04, 0.00, 0.19, 0.29
HSL	72°, 19%, 65%
HSV	72°, 19%, 71%
XYZ	39.6650, 44.6764, 34.1322
YIQ	175.9170, 7.0630, -12.3690

Conversions

Conversions Part 2

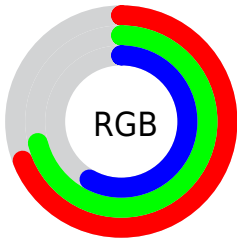
Format	Color
RYB	147, 182, 154
Decimal	11515539
CIELab	72.68, -8.59, 17.03
CIELCh	73, 19.075, 116.761
Yxy	44.6764, 0.3348, 0.3771
Android (android.graphics.Color)	4289705619 (0xFFAFB693)
YUV	175.9170, -14.2561, -0.8042
Hunter-Lab	66.8404, -11.0438, 16.5117

Details

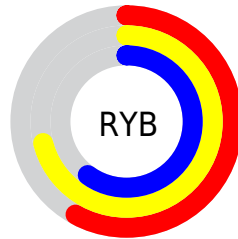
The Yxy color $44.6764, 0.3348, 0.3771$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.1184, 0.2879, 0.2781$, and the grayscale version is $43.4405, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3550, 0.3312, 0.3682$, and $20.6826, 0.3408, 0.3919$ is the 20% darker color. If you saturate the color by 10%, you get $43.7325, 0.3462, 0.4033$, and if you desaturate by 10%, it is $45.7262, 0.3232, 0.3516$.

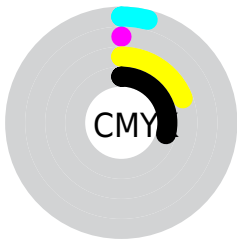
Distribution



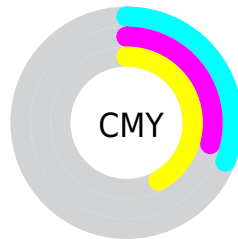
- Red (69%)
- Green (71%)
- Blue (58%)



- Red (58%)
- Yellow (71%)
- Blue (60%)



- Cyan (4%)
- Magenta (0%)
- Yellow (19%)
- Black (29%)



- Cyan (31%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.6764, 0.3348, 0.3771 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 44.6764, 0.3348, 0.3771 by changing the saturation by 10% instead.

■ 44.6764, 0.3348,
0.3771

■ 44.6764, 0.3348,
0.3771

365.4614, 0.3239,
0.3525

■ 31.2026, 0.3374,
0.3834

■ 82.2346, 0.3309,
0.3680

■ 20.7532, 0.3408,
0.3916

■ 107.0878, 0.3294,
0.3647

■ 12.9437, 0.3451,
0.4027

136.5029, 0.3282,
0.3618

■ 7.3898, 0.3508,
0.4184

170.8644, 0.3271,
0.3594

■ 3.7070, 0.3588,
0.4424

210.5566, 0.3261,
0.3573

■ 1.5111, 0.3850,
0.5027

255.9639, 0.3253,

■ 0.2965, 0.1957,

0.3555

0.8043

307.4707, 0.3246,
0.3539

0.0000, 0.0000,
0.0000

44.6764, 0.3348,
0.3771

44.6764, 0.3348,
0.3771

43.7325, 0.3462,
0.4033

45.7262, 0.3232,
0.3516

42.8842, 0.3570,
0.4295

46.8801, 0.3119,
0.3272

42.1289, 0.3667,
0.4547

48.1438, 0.3009,
0.3044

41.4615, 0.3748,
0.4777

49.5210, 0.2905,
0.2834

40.8763, 0.3808,
0.4977

51.0151, 0.2808,
0.2642

■ 40.3669, 0.3843,
0.5137

■ 52.5516, 0.2726,
0.2478

■ 39.9258, 0.3853,
0.5252

■ 53.0533, 0.2752,
0.2484

■ 39.5391, 0.3842,
0.5327

■ 53.5671, 0.2778,
0.2490

■ 39.5107, 0.3841,
0.5332

■ 54.0932, 0.2805,
0.2496

Harmonies

Analogous

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



44.6764, 0.3565, 0.3719



44.6764, 0.3348, 0.3771



44.6764, 0.3079, 0.3681

Triad

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



44.6764, 0.3348, 0.3771



44.6764, 0.2618, 0.2993



44.6764, 0.3424, 0.3114

Complementary

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



44.6764, 0.3348, 0.3771



31.1184, 0.2879, 0.2781

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.



44.6764, 0.3158, 0.2939



44.6764, 0.3348, 0.3771



44.6764, 0.2700, 0.2865

Square

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



44.6764, 0.3348, 0.3771



44.6764, 0.2664, 0.3214



44.6764, 0.2894, 0.2848



44.6764, 0.3612, 0.3335

Rectangle

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



44.6764, 0.3348, 0.3771



44.6764, 0.2906, 0.3550



44.6764, 0.2894, 0.2848



44.6764, 0.3340, 0.3048

Sweetspot

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



44.6784, 0.3348, 0.3771



83.5185, 0.3196, 0.3438



35.1637, 0.3481, 0.3389



18.4174, 0.3204, 0.3453



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.



44.6784, 0.3348, 0.3771



80.2503, 0.3396, 0.3879



42.7883, 0.3193, 0.3795



10.4094, 0.3234, 0.3518



27.9241, 0.3845, 0.5329



1.0079, 0.3940, 0.5253

Inverse Universe

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



31.1184, 0.2879, 0.2781



51.2452, 0.2817, 0.2658



32.9582, 0.3046, 0.2805



8.8044, 0.3015, 0.3056



2.6823, 0.1609, 0.0660



0.1206, 0.1859, 0.0798

Previews

White Background



This preview shows how the Yxy color 44.6764, 0.3348, 0.3771 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 44.6764, 0.3348, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

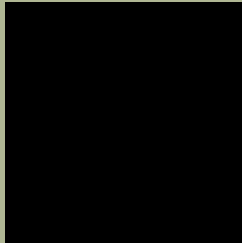
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

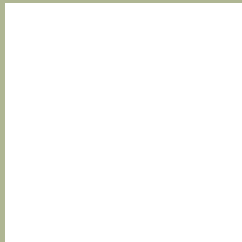
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6764, 0.3348, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 44.6764, 0.3348, 0.3771.



This preview shows how white text looks on a background with the Yxy color 44.6764, 0.3348, 0.3771.

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

44.6764, 0.3348, 0.3771

Protanopia

44.7039, 0.3504, 0.3728

Deuteranopia

44.4176, 0.3651, 0.3569



Tritanopia

44.5921, 0.3058, 0.3108

Trichromacy



Original Color

44.6764, 0.3348, 0.3771

Protanomaly

44.5059, 0.3446, 0.3734

Deuteranomaly

44.4002, 0.3543, 0.3643

Tritanomaly

44.4805, 0.3168, 0.3343

Monochromacy



Original Color

44.6764, 0.3348, 0.3771

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7875, 0.3216, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6764, 0.3348, 0.3771 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(175, 182, 147)` looks like.

```
.text, #text, p{  
    color:rgb(175, 182, 147)  
}
```

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(175, 182, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 182, 147) }
```

Border

The CSS property to change the border of an element to Yxy 44.6764, 0.3348, 0.3771 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(175, 182, 147) }
```

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

```
.border{ border-color:rgb(175, 182, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 182, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 182, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 182, 147);  
box-shadow:4px 4px 4px 4px rgb(175, 182,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6764, 0.3348, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 182, 147) }
```

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

```
.background{ background-color: rgb(175,  
182, 147) }
```

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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