

Converting Colors

$Yxy(44.6708, 0.3233, 0.3702)$

Have a look what the booklet for
Yxy(44.6708, 0.3233, 0.3702)
contains.

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Color

Yxy(44.5249, 0.3228, 0.3693)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | A8B79A |
| RGB | 168, 183, 154 |
| RGB Percent | 66%, 72%, 60% |
| CMY | 0.3411, 0.2824, 0.3960 |
| CMYK | 0.08, 0.00, 0.16, 0.28 |
| HSL | 91°, 17%, 66% |
| HSV | 91°, 16%, 72% |
| XYZ | 38.9186, 44.5249, 37.1222 |
| YIQ | 175.2090, 0.3690, -12.1990 |

Conversions

Conversions Part 2

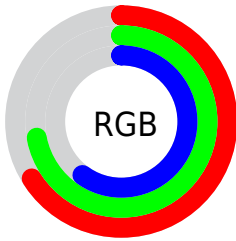
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 154, 183, 169 |
| Decimal | 11057050 |
| CIELab | 72.58, -10.51, 13.00 |
| CIELCh | 73, 16.722, 128.962 |
| Yxy | 44.5249, 0.3228, 0.3693 |
| Android (android.graphics.Color) | 4289247130 (0xFFA8B79A) |
| YUV | 175.2090, -10.4560, -6.3223 |
| Hunter-Lab | 66.7270, -12.6619, 13.7241 |

Details

The Yxy color **44.5249, 0.3228, 0.3693** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.9709, 0.3012, 0.2889**, and the grayscale version is **43.0416, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.9750, 0.3211, 0.3622**, and **20.6575, 0.3255, 0.3813** is the 20% darker color. If you saturate the color by 10%, you get **42.9618, 0.3289, 0.3973**, and if you desaturate by 10%, it is **46.2604, 0.3164, 0.3432**.

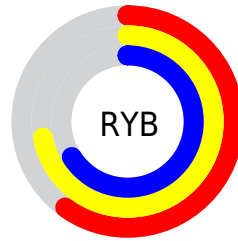
Distribution



Red (66%)

Green (72%)

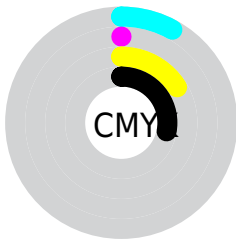
Blue (60%)



Red (60%)

Yellow (72%)

Blue (66%)

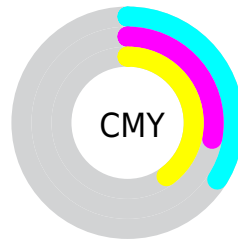


Cyan (8%)

Magenta (0%)

Yellow (16%)

Black (28%)



Cyan (34%)


Magenta (28%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5249, 0.3228, 0.3693 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 44.5249, 0.3228, 0.3693 by changing the saturation by 10% instead.

 44.5249, 0.3228,
0.3693


 44.5249, 0.3228,
0.3693


364.8460, 0.3179,
0.3486

 31.0834, 0.3240,
0.3747


 82.0070, 0.3211,
0.3616

 20.6623, 0.3254,
0.3816


 106.8164, 0.3204,
0.3588

 12.8774, 0.3272,
0.3911

136.1838, 0.3199,
0.3564

 7.3442, 0.3296,
0.4047

170.4937, 0.3194,
0.3544

 3.6783, 0.3327,
0.4258

210.1305, 0.3189,
0.3526

 1.4953, 0.3409,
0.4688

255.4786, 0.3186,

 0.2854, 0.0486,

0.3511

0.9514

306.9222, 0.3182,
0.3498

0.0000, 0.0000,
0.0000

44.5249, 0.3228,
0.3693

44.5249, 0.3228,
0.3693

42.9618, 0.3289,
0.3973

46.2604, 0.3164,
0.3432

41.5595, 0.3345,
0.4267

48.1679, 0.3101,
0.3193

40.3137, 0.3391,
0.4566

50.2546, 0.3039,
0.2977

39.2178, 0.3425,
0.4858

52.5255, 0.2979,
0.2782

38.2647, 0.3440,
0.5130

54.9852, 0.2923,
0.2609

■ 37.4464, 0.3436,
0.5365

■ 57.0575, 0.2930,
0.2534

■ 36.7538, 0.3410,
0.5551

■ 58.6181, 0.3001,
0.2550

■ 36.1761, 0.3365,
0.5682

■ 60.2643, 0.3073,
0.2566

■ 35.9608, 0.3344,
0.5727

■ 61.9973, 0.3146,
0.2582

Harmonies

Analogous

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



44.5249, 0.3444, 0.3699



44.5249, 0.3228, 0.3693



44.5249, 0.2991, 0.3566

Triad

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



44.5249, 0.3228, 0.3693



44.5249, 0.2694, 0.2972



44.5249, 0.3467, 0.3212

Complementary

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



44.5249, 0.3228, 0.3693



34.9709, 0.3012, 0.2889

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.



44.5249, 0.3254, 0.3036



44.5249, 0.3228, 0.3693



44.5249, 0.2810, 0.2897

Square

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



44.5249, 0.3228, 0.3693



44.5249, 0.2689, 0.3139



44.5249, 0.3013, 0.2922



44.5249, 0.3587, 0.3413

Rectangle

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



44.5249, 0.3228, 0.3693



44.5249, 0.2852, 0.3432



44.5249, 0.3013, 0.2922



44.5249, 0.3403, 0.3148

Sweetspot

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



44.5268, 0.3228, 0.3693



83.0999, 0.3160, 0.3413



40.7735, 0.3389, 0.3494



18.3036, 0.3164, 0.3431



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.



44.5268, 0.3228, 0.3693



78.7401, 0.3250, 0.3788



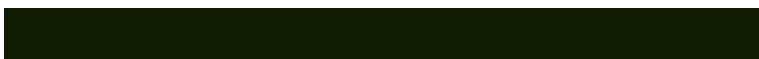
43.0879, 0.3104, 0.3701



10.2672, 0.3187, 0.3521



25.1279, 0.3352, 0.5720



0.9227, 0.3557, 0.5557

Inverse Universe

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



34.9709, 0.3012, 0.2889



58.3677, 0.2983, 0.2794



36.5831, 0.3150, 0.2911



8.9416, 0.3063, 0.3059



4.1082, 0.2069, 0.0914



0.1815, 0.2353, 0.1070

Previews

White Background



This preview shows how the Yxy color 44.5249, 0.3228, 0.3693 looks on a white background.

Color Contrast Check

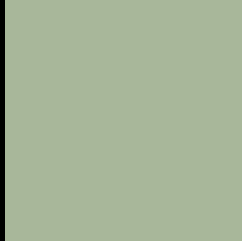
Large Text (above 18pt) WCAG AA × Fail

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 44.5249, 0.3228, 0.3693 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

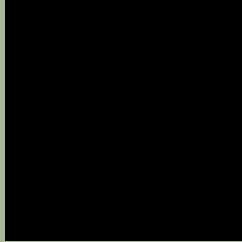
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

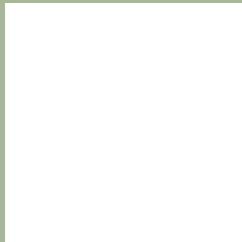
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.5249, 0.3228, 0.3693

Background



This preview shows how black text looks on a background with the Yxy color 44.5249, 0.3228, 0.3693.



This preview shows how white text looks on a background with the Yxy color 44.5249, 0.3228, 0.3693.

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

44.5249, 0.3228, 0.3693

Protanopia

44.2434, 0.3436, 0.3637

Deuteranopia

44.2226, 0.3558, 0.3482



Tritanopia

44.6452, 0.2983, 0.3106

Trichromacy



Original Color

44.5249, 0.3228, 0.3693

Protanomaly

44.2105, 0.3358, 0.3656

Deuteranomaly

43.9737, 0.3434, 0.3554

Tritanomaly

44.6275, 0.3075, 0.3317

Monochromacy



Original Color

44.5249, 0.3228, 0.3693

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.4015, 0.3164, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5249, 0.3228, 0.3693 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(168, 183, 154)` looks like.

```
.text, #text, p{  
    color:rgb(168, 183, 154)  
}
```

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(168, 183, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 183, 154) }
```

Border

The CSS property to change the border of an element to Yxy 44.5249, 0.3228, 0.3693 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(168, 183, 154) }
```

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

```
.border{ border-color:rgb(168, 183, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 183, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 183, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 183, 154);  
box-shadow:4px 4px 4px 4px rgb(168, 183,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5249, 0.3228, 0.3693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 183, 154) }
```

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

```
.background{ background-color: rgb(168,  
183, 154) }
```

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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