

Converting Colors

$Yxy(42.9623, 0.3420, 0.3705)$

Have a look what the booklet for
Yxy(42.9623, 0.3420, 0.3705)
contains.

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Color

Yxy(42.8293, 0.3416, 0.3700)

Conversions

Conversions Part 1

Format	Color
Hex	B4B092
RGB	180, 176, 146
RGB Percent	71%, 69%, 57%
CMY	0.2940, 0.3098, 0.4274
CMYK	0.00, 0.02, 0.19, 0.29
HSL	53°, 18%, 64%
HSV	53°, 19%, 71%
XYZ	39.5419, 42.8293, 33.3837
YIQ	173.7760, 12.0140, -8.4820

Conversions

Conversions Part 2

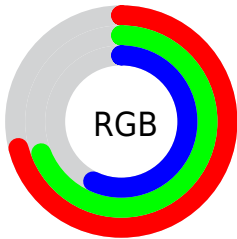
Format	Color
RYB	151, 180, 146
Decimal	11841682
CIELab	71.44, -3.63, 15.90
CIELCh	71, 16.305, 102.877
Yxy	42.8293, 0.3416, 0.3700
Android (android.graphics.Color)	4290031762 (0xFFB4B092)
YUV	173.7760, -13.6936, 5.4584
Hunter-Lab	65.4441, -6.6760, 15.5664

Details

The Yxy color $42.8293, 0.3416, 0.3700$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $31.2382, 0.2823, 0.2844$, and the grayscale version is $42.2768, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.7162, 0.3362, 0.3628$, and $19.7536, 0.3502, 0.3838$ is the 20% darker color. If you saturate the color by 10%, you get $41.4835, 0.3577, 0.3922$, and if you desaturate by 10%, it is $44.2803, 0.3260, 0.3480$.

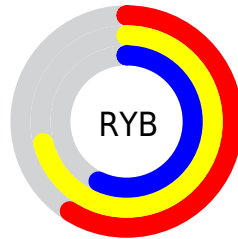
Distribution



Red (71%)

Green (69%)

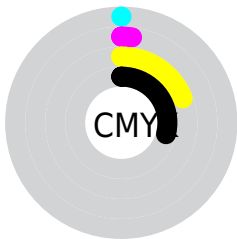
Blue (57%)



Red (59%)

Yellow (71%)

Blue (57%)

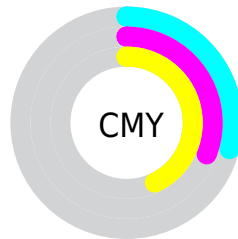


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (29%)



Cyan (29%)

Magenta (31%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.8293, 0.3416, 0.3700 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 42.8293, 0.3416, 0.3700 by changing the saturation by 10% instead.


 42.8293, 0.3416,
0.3700


 42.8293, 0.3416,
0.3700


357.9093, 0.3271,
0.3491

 29.7512, 0.3452,
0.3754


 79.4532, 0.3363,
0.3623

 19.6498, 0.3499,
0.3823


 103.7678, 0.3343,
0.3594

 12.1408, 0.3561,
0.3916


132.5967, 0.3327,
0.3570

 6.8396, 0.3646,
0.4048

166.3243, 0.3312,
0.3550

 3.3620, 0.3771,
0.4248

205.3349, 0.3300,
0.3532

 1.3235, 0.4186,
0.4836

250.0130, 0.3289,

 0.1593, 0.2825,

0.3516

0.7175

300.7430, 0.3279,
0.3503

0.0000, 0.0000,
0.0000

42.8293, 0.3416,
0.3700

42.8293, 0.3416,
0.3700

41.4835, 0.3577,
0.3922

44.2803, 0.3260,
0.3480

40.2331, 0.3740,
0.4140

45.8346, 0.3111,
0.3267

39.0754, 0.3897,
0.4344

47.4980, 0.2973,
0.3065

38.0055, 0.4044,
0.4525

49.2738, 0.2845,
0.2876

37.0180, 0.4173,
0.4673

51.1655, 0.2729,
0.2702

■ 36.1066, 0.4278,
0.4781

■ 53.1761, 0.2623,
0.2542

■ 35.2642, 0.4357,
0.4846

■ 54.1622, 0.2620,
0.2557

■ 34.4779, 0.4412,
0.4872

■ 55.0998, 0.2623,
0.2582

■ 34.3923, 0.4418,
0.4874

■ 56.0512, 0.2626,
0.2608

Harmonies

Analogous

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



42.8293, 0.3561, 0.3607



42.8293, 0.3416, 0.3700



42.8293, 0.3196, 0.3678

Triad

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



42.8293, 0.3416, 0.3700



42.8293, 0.2688, 0.3115



42.8293, 0.3283, 0.3059

Complementary

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



42.8293, 0.3416, 0.3700



31.2382, 0.2823, 0.2844

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.



42.8293, 0.3045, 0.2936



42.8293, 0.3416, 0.3700



42.8293, 0.2708, 0.2961

Square

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



42.8293, 0.3416, 0.3700



42.8293, 0.2780, 0.3328



42.8293, 0.2836, 0.2899



42.8293, 0.3484, 0.3238

Rectangle

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



42.8293, 0.3416, 0.3700



42.8293, 0.3039, 0.3597



42.8293, 0.2836, 0.2899



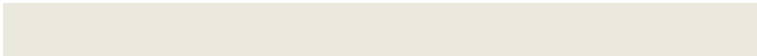
42.8293, 0.3204, 0.3010

Sweetspot

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



42.8312, 0.3416, 0.3700



81.0278, 0.3217, 0.3419



32.4899, 0.3443, 0.3227



17.4749, 0.3227, 0.3433



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



42.8312, 0.3416, 0.3700



76.5131, 0.3488, 0.3800



43.0062, 0.3293, 0.3769



9.7312, 0.3266, 0.3489



24.0598, 0.4415, 0.4877



0.8053, 0.4345, 0.4932

Inverse Universe

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



31.2382, 0.2823, 0.2844



51.3137, 0.2742, 0.2723



31.1785, 0.2937, 0.2799



8.3871, 0.2985, 0.3083



2.7372, 0.1528, 0.0701



0.1380, 0.1625, 0.1049

Previews

White Background



This preview shows how the Yxy color 42.8293, 0.3416, 0.3700 looks on a white background.

Color Contrast Check

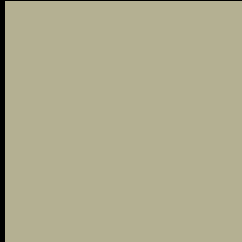
Large Text (above 18pt) WCAG AA × Fail

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 42.8293, 0.3416, 0.3700 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

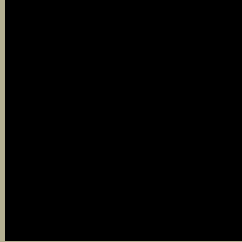
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

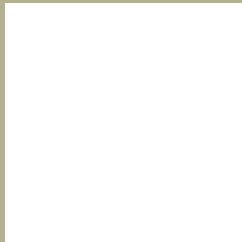
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.8293, 0.3416, 0.3700

Background



This preview shows how black text looks on a background with the Yxy color 42.8293, 0.3416, 0.3700.



This preview shows how white text looks on a background with the Yxy color 42.8293, 0.3416, 0.3700.

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

42.8293, 0.3416, 0.3700

Protanopia

43.0186, 0.3474, 0.3695

Deuteranopia

42.5609, 0.3621, 0.3549



Tritanopia

42.9008, 0.3144, 0.3121

Trichromacy



Original Color

42.8293, 0.3416, 0.3700

Protanomaly

42.7716, 0.3455, 0.3697

Deuteranomaly

42.5699, 0.3544, 0.3607

Tritanomaly

42.8567, 0.3243, 0.3330

Monochromacy



Original Color

42.8293, 0.3416, 0.3700

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.5704, 0.3227, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.8293, 0.3416, 0.3700 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(180, 176, 146)` looks like.

```
.text, #text, p{  
    color:rgb(180, 176, 146)  
}
```

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(180, 176, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 176, 146) }
```

Border

The CSS property to change the border of an element to Yxy 42.8293, 0.3416, 0.3700 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(180, 176, 146) }
```

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

```
.border{ border-color:rgb(180, 176, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 176, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 176, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 176, 146);  
box-shadow:4px 4px 4px 4px rgb(180, 176,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 42.8293, 0.3416, 0.3700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 176, 146) }
```

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

```
.background{ background-color: rgb(180,  
176, 146) }
```

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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