

Converting Colors

$Yxy(47.0347, 0.3328, 0.3485)$

Have a look what the booklet for
Yxy(47.0347, 0.3328, 0.3485)
contains.

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Color

Yxy(47.2854, 0.3335, 0.3497)

Conversions

Conversions Part 1

Format	Color
Hex	BFB6A6
RGB	191, 182, 166
RGB Percent	75%, 71%, 65%
CMY	0.2510, 0.2862, 0.3489
CMYK	0.00, 0.05, 0.13, 0.25
HSL	38°, 16%, 70%
HSV	38°, 13%, 75%
XYZ	45.0949, 47.2854, 42.8368
YIQ	182.8670, 10.5000, -3.0680

Conversions

Conversions Part 2

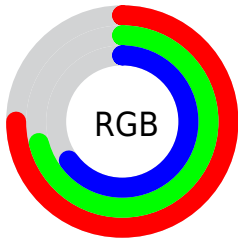
Format	Color
RYB	180, 191, 166
Decimal	12564134
CIELab	74.37, 0.44, 9.26
CIELCh	74, 9.275, 87.298
Yxy	47.2854, 0.3335, 0.3497
Android (android.graphics.Color)	4290754214 (0xFFBFB6A6)
YUV	182.8670, -8.3154, 7.1326
Hunter-Lab	68.7644, -3.2794, 11.2004

Details

The Yxy color $47.2854, 0.3335, 0.3497$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.5289, 0.2925, 0.3074$, and the grayscale version is $47.3199, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.1437, 0.3295, 0.3462$, and $22.2338, 0.3391, 0.3556$ is the 20% darker color. If you saturate the color by 10%, you get $43.8935, 0.3514, 0.3663$, and if you desaturate by 10%, it is $50.9234, 0.3173, 0.3337$.

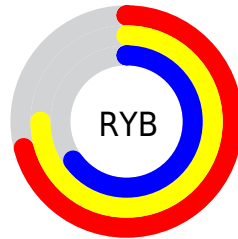
Distribution



Red (75%)

Green (71%)

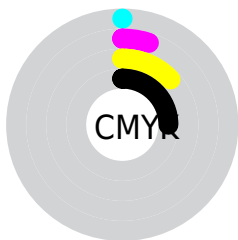
Blue (65%)



Red (71%)

Yellow (75%)

Blue (65%)

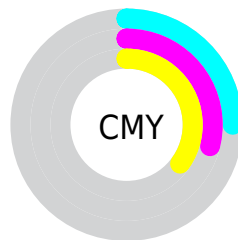


Cyan (0%)

Magenta (5%)

Yellow (13%)

Black (25%)



Cyan (25%)


Magenta (29%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2854, 0.3335, 0.3497 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 47.2854, 0.3335, 0.3497 by changing the saturation by 10% instead.

 47.2854, 0.3335,
0.3497


 47.2854, 0.3335,
0.3497


375.9526, 0.3231,
0.3394

 33.2613, 0.3361,
0.3523


 86.1395, 0.3297,
0.3460

 22.3267, 0.3394,
0.3555


 111.7383, 0.3283,
0.3446

 14.0972, 0.3438,
0.3599


141.9641, 0.3271,
0.3434

 8.1883, 0.3500,
0.3660

177.2014, 0.3261,
0.3423

 4.2157, 0.3591,
0.3750

217.8345, 0.3252,
0.3415

 1.7949, 0.3740,
0.3895

264.2478, 0.3244,

 0.4840, 0.4930,

0.3407

0.5070

316.8257, 0.3237,
0.3400

0.0000, 0.0000,
0.0000

47.2854, 0.3335,
0.3497

47.2854, 0.3335,
0.3497

43.8935, 0.3514,
0.3663

50.9234, 0.3173,
0.3337

40.7351, 0.3708,
0.3832

54.8076, 0.3029,
0.3187

37.8053, 0.3916,
0.3997

58.9460, 0.2899,
0.3046

35.0966, 0.4133,
0.4150

63.3441, 0.2785,
0.2916

32.6013, 0.4351,
0.4280

67.5809, 0.2719,
0.2863

■ 30.3105, 0.4560,
0.4376

■ 71.1806, 0.2726,
0.2941

■ 28.2146, 0.4750,
0.4428

■ 74.9291, 0.2733,
0.3018

■ 26.3022, 0.4909,
0.4429

■ 78.8282, 0.2740,
0.3094

■ 25.0712, 0.5006,
0.4407

■ 82.8796, 0.2746,
0.3169

Harmonies

Analogous

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



47.2854, 0.3381, 0.3424



47.2854, 0.3335, 0.3497



47.2854, 0.3233, 0.3515

Triad

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



47.2854, 0.3335, 0.3497



47.2854, 0.2902, 0.3255



47.2854, 0.3146, 0.3119

Complementary

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



47.2854, 0.3335, 0.3497



42.5289, 0.2925, 0.3074

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.



47.2854, 0.3019, 0.3074



47.2854, 0.3335, 0.3497



47.2854, 0.2880, 0.3150

Square

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



47.2854, 0.3335, 0.3497



47.2854, 0.2983, 0.3374



47.2854, 0.2922, 0.3084



47.2854, 0.3271, 0.3207

Rectangle

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



47.2854, 0.3335, 0.3497



47.2854, 0.3148, 0.3492



47.2854, 0.2922, 0.3084



47.2854, 0.3102, 0.3099

Sweetspot

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



47.2875, 0.3335, 0.3497



90.5557, 0.3189, 0.3353



41.4567, 0.3280, 0.3171



19.7735, 0.3201, 0.3365



97.7402, 0.3127, 0.3290



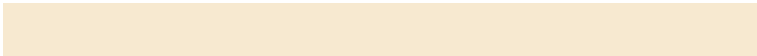
20.4902, 0.3127, 0.3290

Same Dimension

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



47.2875, 0.3335, 0.3497



82.7271, 0.3390, 0.3549



50.6556, 0.3292, 0.3612



10.5277, 0.3273, 0.3437



16.6366, 0.4992, 0.4418



0.7714, 0.4755, 0.4607

Inverse Universe

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



42.5289, 0.2925, 0.3074



72.3584, 0.2873, 0.3016



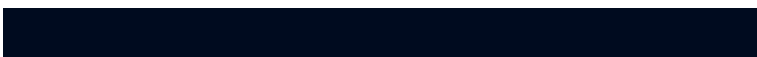
39.5153, 0.2950, 0.2953



9.7718, 0.2984, 0.3139



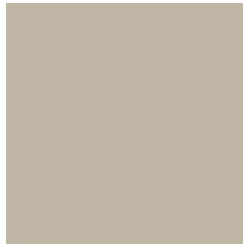
5.3828, 0.1658, 0.1169



0.3362, 0.1797, 0.1671

Previews

White Background



This preview shows how the Yxy color 47.2854, 0.3335, 0.3497 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 47.2854, 0.3335, 0.3497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

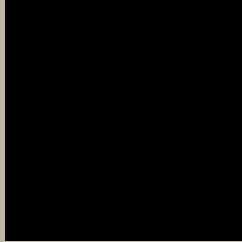
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

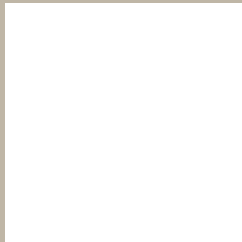
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.2854, 0.3335, 0.3497

Background



This preview shows how black text looks on a background with the Yxy color 47.2854, 0.3335, 0.3497.

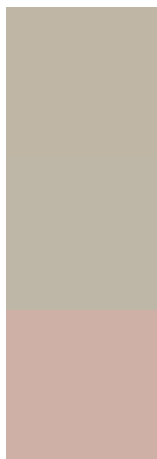


This preview shows how white text looks on a background with the Yxy color 47.2854, 0.3335, 0.3497.

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

47.2854, 0.3335, 0.3497

Protanopia

47.1562, 0.3326, 0.3498

Deuteranopia

46.9625, 0.3475, 0.3403



Tritanopia

47.2487, 0.3161, 0.3116

Trichromacy



Original Color

47.2854, 0.3335, 0.3497

Protanomaly

47.1562, 0.3326, 0.3498

Deuteranomaly

47.0483, 0.3425, 0.3429

Tritanomaly

47.1284, 0.3225, 0.3240

Monochromacy



Original Color

47.2854, 0.3335, 0.3497

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.4804, 0.3200, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2854, 0.3335, 0.3497 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(191, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(191, 182, 166)  
}
```

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(191, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 182, 166) }
```

Border

The CSS property to change the border of an element to Yxy 47.2854, 0.3335, 0.3497 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(191, 182, 166) }
```

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

```
.border{ border-color:rgb(191, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(191, 182,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2854, 0.3335, 0.3497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 182, 166) }
```

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

```
.background{ background-color: rgb(191,  
182, 166) }
```

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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