

Converting Colors

$Yxy(44.0316, 0.3337, 0.3435)$

Have a look what the booklet for
Yxy(44.0316, 0.3337, 0.3435)
contains.

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Color

Yxy(44.0316, 0.3337, 0.3435)

Conversions

Conversions Part 1

Format	Color
Hex	BCAFA4
RGB	188, 175, 164
RGB Percent	74%, 69%, 64%
CMY	0.2627, 0.3137, 0.3568
CMYK	0.00, 0.07, 0.13, 0.26
HSL	27°, 15%, 69%
HSV	27°, 13%, 74%
XYZ	42.7754, 44.0316, 41.3782
YIQ	177.6330, 11.2790, -0.6650

Conversions

Conversions Part 2

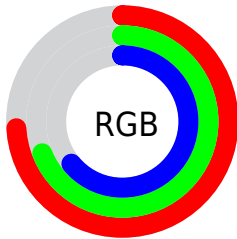
Format	Color
RYB	188, 184, 164
Decimal	12365732
CIELab	72.25, 2.78, 7.29
CIELCh	72, 7.801, 69.114
Yxy	44.0316, 0.3337, 0.3435
Android (android.graphics.Color)	4290555812 (0xFFBCAFA4)
YUV	177.6330, -6.7211, 9.0919
Hunter-Lab	66.3563, -1.0568, 9.4776

Details

The Yxy color **44.0316, 0.3337, 0.3435** is a light color, and the websafe version is hex **999999**. A complement of this color would be **42.9919, 0.2931, 0.3141**, and the grayscale version is **44.3515, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9412, 0.3296, 0.3403**, and **20.4867, 0.3406, 0.3489** is the 20% darker color. If you saturate the color by 10%, you get **39.5794, 0.3530, 0.3556**, and if you desaturate by 10%, it is **48.8884, 0.3169, 0.3320**.

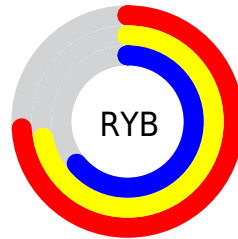
Distribution



Red (74%)

Green (69%)

Blue (64%)



Red (74%)

Yellow (72%)

Blue (64%)

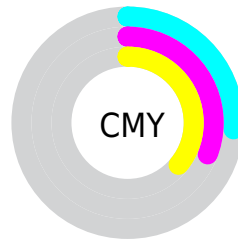


Cyan (0%)

Magenta (7%)

Yellow (13%)

Black (26%)



Cyan (26%)


Magenta (31%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0316, 0.3337, 0.3435 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 44.0316, 0.3337, 0.3435 by changing the saturation by 10% instead.


 44.0316, 0.3337,
0.3435


 44.0316, 0.3337,
0.3435

362.8372, 0.3231,
0.3362

 30.6954, 0.3364,
0.3453


 81.2653, 0.3298,
0.3409

 20.3670, 0.3399,
0.3476


 105.9315, 0.3284,
0.3399

 12.6621, 0.3446,
0.3508

135.1432, 0.3271,
0.3390

 7.1963, 0.3512,
0.3551

169.2847, 0.3261,
0.3383

 3.5851, 0.3614,
0.3616

208.7405, 0.3252,
0.3377

 1.4443, 0.3786,
0.3722

253.8949, 0.3244,

 0.2490, 0.5502,

0.3372

0.4498

305.1324, 0.3237,
0.3367

0.0000, 0.0000,
0.0000

44.0316, 0.3337,
0.3435

44.0316, 0.3337,
0.3435

39.5794, 0.3530,
0.3556

48.8884, 0.3169,
0.3320

35.5151, 0.3749,
0.3679

54.1546, 0.3024,
0.3213

31.8291, 0.3995,
0.3800

59.8422, 0.2898,
0.3114

28.5091, 0.4266,
0.3912

65.9608, 0.2790,
0.3023

25.5421, 0.4554,
0.4004

72.3228, 0.2711,
0.2971

■ 22.9144, 0.4848,
0.4064

■ 78.0411, 0.2722,
0.3085

■ 20.6105, 0.5128,
0.4079

■ 84.0954, 0.2733,
0.3197

■ 18.6135, 0.5376,
0.4040

■ 89.4341, 0.2742,
0.3289

■ 17.3422, 0.5534,
0.3988

Harmonies

Analogous

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



44.0316, 0.3341, 0.3352



44.0316, 0.3337, 0.3435



44.0316, 0.3276, 0.3481

Triad

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



44.0316, 0.3337, 0.3435



44.0316, 0.2970, 0.3323



44.0316, 0.3076, 0.3113

Complementary

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



44.0316, 0.3337, 0.3435



42.9919, 0.2931, 0.3141

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.



44.0316, 0.2978, 0.3103



44.0316, 0.3337, 0.3435



44.0316, 0.2918, 0.3222

Square

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



44.0316, 0.3337, 0.3435



44.0316, 0.3064, 0.3416



44.0316, 0.2921, 0.3142



44.0316, 0.3188, 0.3169

Rectangle

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



44.0316, 0.3337, 0.3435



44.0316, 0.3212, 0.3483



44.0316, 0.2921, 0.3142



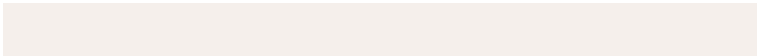
44.0316, 0.3040, 0.3105

Sweetspot

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



44.0335, 0.3337, 0.3435



87.3922, 0.3190, 0.3335



40.4376, 0.3236, 0.3117



18.6465, 0.3202, 0.3343



95.5105, 0.3127, 0.3290



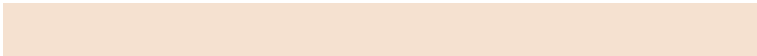
19.5994, 0.3127, 0.3290

Same Dimension

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



44.0335, 0.3337, 0.3435



77.7128, 0.3382, 0.3465



48.8403, 0.3317, 0.3586



10.2356, 0.3277, 0.3395



11.9496, 0.5514, 0.4004



0.5989, 0.5119, 0.4318

Inverse Universe

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



42.9919, 0.2931, 0.3141



75.4961, 0.2892, 0.3109



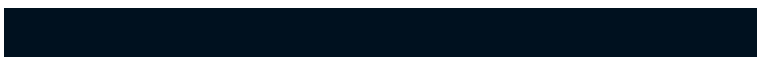
38.5189, 0.2927, 0.2976



10.0603, 0.2984, 0.3183



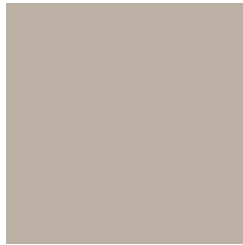
9.0997, 0.1817, 0.1742



0.4858, 0.1930, 0.2148

Previews

White Background



This preview shows how the Yxy color 44.0316, 0.3337, 0.3435 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 44.0316, 0.3337, 0.3435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

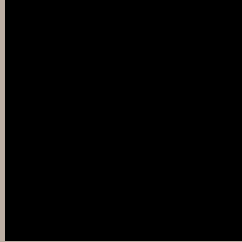
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

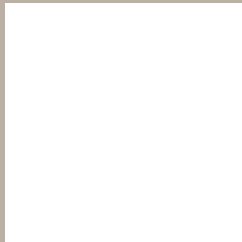
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0316, 0.3337, 0.3435

Background



This preview shows how black text looks on a background with the Yxy color 44.0316, 0.3337, 0.3435.

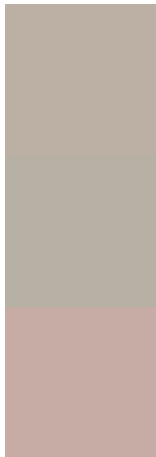


This preview shows how white text looks on a background with the Yxy color 44.0316, 0.3337, 0.3435.

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

44.0316, 0.3337, 0.3435

Protanopia

44.2282, 0.3280, 0.3450

Deuteranopia

43.9845, 0.3438, 0.3368



Tritanopia

44.0842, 0.3189, 0.3124

Trichromacy



Original Color

44.0316, 0.3337, 0.3435

Protanomaly

44.0816, 0.3299, 0.3436

Deuteranomaly

43.8238, 0.3399, 0.3381

Tritanomaly

44.0086, 0.3246, 0.3239

Monochromacy



Original Color

44.0316, 0.3337, 0.3435

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4065, 0.3204, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0316, 0.3337, 0.3435 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(188, 175, 164)` looks like.

```
.text, #text, p{  
    color:rgb(188, 175, 164)  
}
```

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(188, 175, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 175, 164) }
```

Border

The CSS property to change the border of an element to Yxy 44.0316, 0.3337, 0.3435 is called "border". The border property can be set on classes, ids or directly on the HTML element.

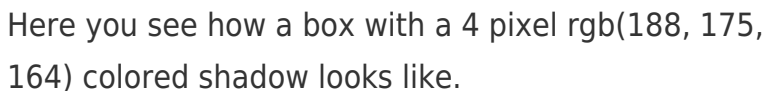
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(188, 175, 164) }
```

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

```
.border{ border-color:rgb(188, 175, 164) }
```

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



Here you see how a box with a 4 pixel `rgb(188, 175, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 175, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 175, 164);  
box-shadow:4px 4px 4px 4px rgb(188, 175,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0316, 0.3337, 0.3435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 175, 164) }
```

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

```
.background{ background-color: rgb(188,  
175, 164) }
```

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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