

Converting Colors

Yxy(47.1717, 0.3367, 0.3592)

Have a look what the booklet for
Yxy(47.1717, 0.3367, 0.3592)
contains.

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Color

Yxy(47.2239, 0.3365, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	BDB7A0
RGB	189, 183, 160
RGB Percent	74%, 72%, 63%
CMY	0.2589, 0.2823, 0.3724
CMYK	0.00, 0.03, 0.15, 0.26
HSL	48°, 18%, 68%
HSV	48°, 15%, 74%
XYZ	44.2642, 47.2239, 40.0548
YIQ	182.1720, 10.9590, -5.8810

Conversions

Conversions Part 2

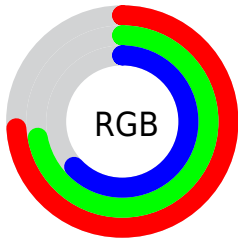
Format	Color
RYB	168, 189, 160
Decimal	12433312
CIELab	74.33, -1.80, 12.44
CIELCh	74, 12.571, 98.247
Yxy	47.2239, 0.3365, 0.3590
Android (android.graphics.Color)	4290623392 (0xFFBDB7A0)
YUV	182.1720, -10.9308, 5.9882
Hunter-Lab	68.7196, -5.2827, 13.5452

Details

The Yxy color $47.2239, 0.3365, 0.3590$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $38.4270, 0.2886, 0.2971$, and the grayscale version is $46.9350, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0518, 0.3318, 0.3534$, and $22.2822, 0.3444, 0.3682$ is the 20% darker color. If you saturate the color by 10%, you get $45.0264, 0.3533, 0.3793$, and if you desaturate by 10%, it is $49.5707, 0.3207, 0.3392$.

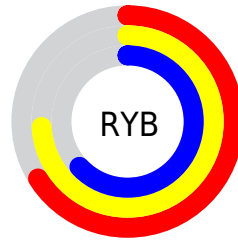
Distribution



Red (74%)

Green (72%)

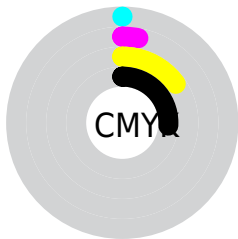
Blue (63%)



Red (66%)

Yellow (74%)

Blue (63%)

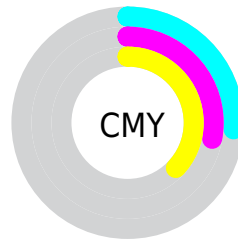


Cyan (0%)

Magenta (3%)

Yellow (15%)

Black (26%)



Cyan (26%)


Magenta (28%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.2239, 0.3365, 0.3590 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 47.2239, 0.3365, 0.3590 by changing the saturation by 10% instead.


 47.2239, 0.3365,
0.3590

 47.2239, 0.3365,
0.3590

375.7075, 0.3247,
0.3440

 33.2127, 0.3394,
0.3628


 86.0477, 0.3322,
0.3535

 22.2894, 0.3432,
0.3676


 111.6292, 0.3306,
0.3515

 14.0697, 0.3481,
0.3740


141.8361, 0.3292,
0.3498

 8.1692, 0.3550,
0.3829

177.0530, 0.3281,
0.3483

 4.2034, 0.3650,
0.3962

217.6642, 0.3270,
0.3470

 1.7880, 0.3812,
0.4181

264.0540, 0.3262,

 0.4797, 0.4620,

0.3459

0.5380

316.6070, 0.3254,
0.3449

0.0000, 0.0000,
0.0000

47.2239, 0.3365,
0.3590

47.2239, 0.3365,
0.3590

45.0264, 0.3533,
0.3793

49.5707, 0.3207,
0.3392

42.9671, 0.3709,
0.3996

52.0653, 0.3060,
0.3203

41.0429, 0.3887,
0.4190

54.7139, 0.2926,
0.3025

39.2481, 0.4061,
0.4367

57.5208, 0.2804,
0.2860

37.5765, 0.4223,
0.4516

60.4898, 0.2695,
0.2708

■ 36.0212, 0.4367,
0.4629

■ 62.3807, 0.2696,
0.2748

■ 34.5741, 0.4486,
0.4697

■ 64.2878, 0.2700,
0.2793

■ 33.2256, 0.4576,
0.4718

■ 66.2419, 0.2705,
0.2838

■ 32.6189, 0.4613,
0.4719

■ 68.2433, 0.2709,
0.2882

Harmonies

Analogous

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



47.2239, 0.3460, 0.3513



47.2239, 0.3365, 0.3590



47.2239, 0.3207, 0.3585

Triad

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



47.2239, 0.3365, 0.3590



47.2239, 0.2802, 0.3184



47.2239, 0.3217, 0.3098

Complementary

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



47.2239, 0.3365, 0.3590



38.4270, 0.2886, 0.2971

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.



47.2239, 0.3040, 0.3014



47.2239, 0.3365, 0.3590



47.2239, 0.2804, 0.3059

Square

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



47.2239, 0.3365, 0.3590



47.2239, 0.2884, 0.3345



47.2239, 0.2890, 0.2999



47.2239, 0.3374, 0.3230

Rectangle

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



47.2239, 0.3365, 0.3590



47.2239, 0.3089, 0.3533



47.2239, 0.2890, 0.2999



47.2239, 0.3158, 0.3063

Sweetspot

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



47.2260, 0.3365, 0.3590



88.9015, 0.3203, 0.3387



38.7347, 0.3351, 0.3207



19.0524, 0.3214, 0.3401



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.



47.2260, 0.3365, 0.3590



83.4010, 0.3414, 0.3650



48.7250, 0.3283, 0.3673



10.7769, 0.3269, 0.3471



22.0630, 0.4606, 0.4724



0.9501, 0.4490, 0.4817

Inverse Universe

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



38.4270, 0.2886, 0.2971



64.9723, 0.2835, 0.2902



37.1777, 0.2955, 0.2894



9.5360, 0.2984, 0.3102



3.5400, 0.1562, 0.0824



0.2340, 0.1686, 0.1270

Previews

White Background



This preview shows how the Yxy color 47.2239, 0.3365, 0.3590 looks on a white background.

Color Contrast Check

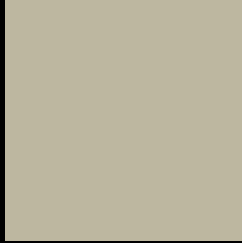
Large Text (above 18pt) WCAG AA × Fail

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 47.2239, 0.3365, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

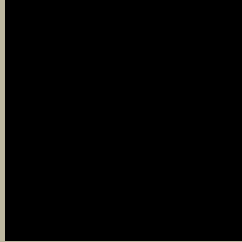
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.2239, 0.3365, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 47.2239, 0.3365, 0.3590.



This preview shows how white text looks on a background with the Yxy color 47.2239, 0.3365, 0.3590.

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

47.2239, 0.3365, 0.3590

Protanopia

47.0703, 0.3385, 0.3576

Deuteranopia

47.0338, 0.3546, 0.3477



Tritanopia

46.9840, 0.3144, 0.3115

Trichromacy



Original Color

47.2239, 0.3365, 0.3590

Protanomaly

46.9411, 0.3376, 0.3577

Deuteranomaly

47.2309, 0.3474, 0.3518

Tritanomaly

47.1443, 0.3231, 0.3290

Monochromacy



Original Color

47.2239, 0.3365, 0.3590

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.8262, 0.3217, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.2239, 0.3365, 0.3590 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(189, 183, 160)` looks like.

```
.text, #text, p{  
    color:rgb(189, 183, 160)  
}
```

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(189, 183, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 183, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.2239, 0.3365, 0.3590 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(189, 183, 160) }
```

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

```
.border{ border-color:rgb(189, 183, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 183, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 183, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 183, 160);  
box-shadow:4px 4px 4px 4px rgb(189, 183,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.2239, 0.3365, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 183, 160) }
```

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

```
.background{ background-color: rgb(189,  
183, 160) }
```

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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