

Converting Colors

Yxy(42.2213, 0.3319, 0.3463)

Have a look what the booklet for
Yxy(42.2213, 0.3319, 0.3463)
contains.

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Color

Yxy(42.3703, 0.3320, 0.3466)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B6ADA0 |
| RGB | 182, 173, 160 |
| RGB Percent | 71%, 68%, 63% |
| CMY | 0.2861, 0.3216, 0.3726 |
| CMYK | 0.00, 0.05, 0.12, 0.29 |
| HSL | 35°, 13%, 67% |
| HSV | 35°, 12%, 71% |
| XYZ | 40.5855, 42.3703, 39.2897 |
| YIQ | 174.2090, 9.5370, -2.1350 |

Conversions

Conversions Part 2

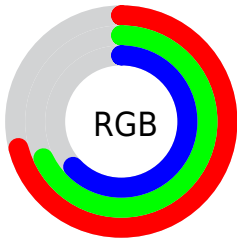
| Format | Color |
|-------------------------------------|---|
| RYB | 175, 182, 160 |
| Decimal | 11972000 |
| CIELab | 71.13, 0.97, 7.83 |
| CIELCh | 71, 7.890, 82.916 |
| Yxy | 42.3703, 0.3320, 0.3466 |
| Android (android.graphics.Color) | 4290162080 (0xFFB6ADA0) |
| YUV | 174.2090, -7.0050, 6.8327 |
| Hunter-Lab | 65.0925, -2.6161, 9.7774 |

Details

The Yxy color **42.3703, 0.3320, 0.3466** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.2378, 0.2941, 0.3108**, and the grayscale version is **42.4762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5702, 0.3282, 0.3426**, and **19.4460, 0.3371, 0.3514** is the 20% darker color. If you saturate the color by 10%, you get **38.9976, 0.3500, 0.3619**, and if you desaturate by 10%, it is **46.0000, 0.3159, 0.3320**.

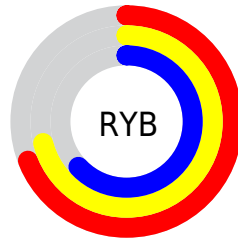
Distribution



Red (71%)

Green (68%)

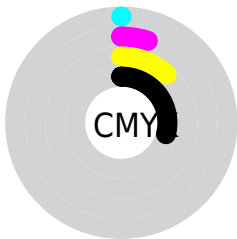
Blue (63%)



Red (69%)

Yellow (71%)

Blue (63%)

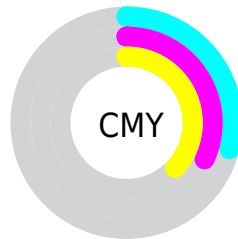


Cyan (0%)

Magenta (5%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (32%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3703, 0.3320, 0.3466 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 42.3703, 0.3320, 0.3466 by changing the saturation by 10% instead.


 42.3703, 0.3320,
0.3466


 42.3703, 0.3320,
0.3466


356.0157, 0.3222,
0.3377

 29.3914, 0.3345,
0.3489


 78.7598, 0.3284,
0.3433

 19.3771, 0.3378,
0.3518


 102.9390, 0.3271,
0.3421

 11.9431, 0.3421,
0.3557


131.6206, 0.3259,
0.3411

 6.7049, 0.3484,
0.3613

165.1888, 0.3250,
0.3402

 3.2783, 0.3579,
0.3698

204.0280, 0.3241,
0.3395

 1.2787, 0.3755,
0.3853

248.5226, 0.3234,

 0.1246, 0.5329,

0.3388

0.4671

299.0570, 0.3228,
0.3382

0.0000, 0.0000,
0.0000

42.3703, 0.3320,
0.3466

42.3703, 0.3320,
0.3466

38.9976, 0.3500,
0.3619

46.0000, 0.3159,
0.3320

35.8697, 0.3699,
0.3775

49.8874, 0.3016,
0.3182

32.9815, 0.3915,
0.3929

54.0405, 0.2889,
0.3055

30.3255, 0.4145,
0.4072

58.4650, 0.2778,
0.2937

27.8939, 0.4381,
0.4195

63.1666, 0.2680,
0.2829

■ 25.6779, 0.4612,
0.4285

■ 67.2014, 0.2667,
0.2874

■ 23.6680, 0.4828,
0.4333

■ 71.1559, 0.2676,
0.2959

■ 21.8534, 0.5015,
0.4329

■ 75.2870, 0.2685,
0.3044

■ 20.5455, 0.5145,
0.4297

■ 79.5968, 0.2694,
0.3127

Harmonies

Analogous

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



42.3703, 0.3352, 0.3396



42.3703, 0.3320, 0.3466



42.3703, 0.3236, 0.3490

Triad

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



42.3703, 0.3320, 0.3466



42.3703, 0.2936, 0.3275



42.3703, 0.3127, 0.3130

Complementary

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



42.3703, 0.3320, 0.3466



39.2378, 0.2941, 0.3108

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.



42.3703, 0.3017, 0.3097



42.3703, 0.3320, 0.3466



42.3703, 0.2908, 0.3178

Square

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



42.3703, 0.3320, 0.3466



42.3703, 0.3014, 0.3378



42.3703, 0.2937, 0.3114



42.3703, 0.3240, 0.3204

Rectangle

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



42.3703, 0.3320, 0.3466



42.3703, 0.3163, 0.3474



42.3703, 0.2937, 0.3114



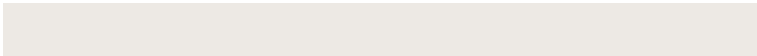
42.3703, 0.3089, 0.3114

Sweetspot

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



42.3722, 0.3320, 0.3466



82.0382, 0.3189, 0.3348



37.9574, 0.3257, 0.3166



18.0083, 0.3201, 0.3359



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.



42.3722, 0.3320, 0.3466



74.8162, 0.3374, 0.3513



45.7362, 0.3289, 0.3586



9.8690, 0.3273, 0.3425



14.6359, 0.5131, 0.4308



0.6346, 0.4829, 0.4548

Inverse Universe

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



39.2378, 0.2941, 0.3108



67.8175, 0.2891, 0.3056



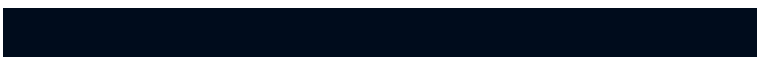
36.1785, 0.2955, 0.2979



9.3081, 0.2985, 0.3152



6.0282, 0.1699, 0.1316



0.3351, 0.1845, 0.1842

Previews

White Background



This preview shows how the Yxy color 42.3703, 0.3320, 0.3466 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 42.3703, 0.3320, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

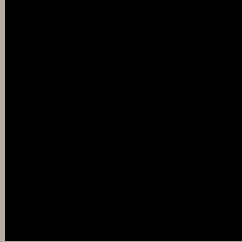
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

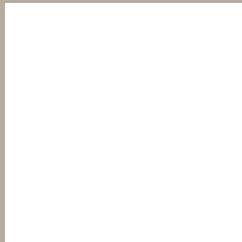
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3703, 0.3320, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 42.3703, 0.3320, 0.3466.

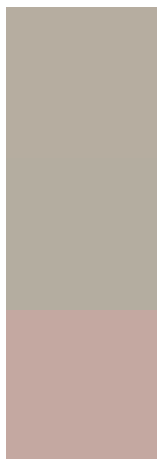


This preview shows how white text looks on a background with the Yxy color 42.3703, 0.3320, 0.3466.

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

42.3703, 0.3320, 0.3466

Protanopia

42.1285, 0.3301, 0.3467

Deuteranopia

42.3142, 0.3453, 0.3382



Tritanopia

42.4826, 0.3153, 0.3120

Trichromacy



Original Color

42.3703, 0.3320, 0.3466

Protanomaly

42.2490, 0.3310, 0.3466

Deuteranomaly

42.3990, 0.3401, 0.3409

Tritanomaly

42.4113, 0.3211, 0.3237

Monochromacy



Original Color

42.3703, 0.3320, 0.3466

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.4838, 0.3196, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3703, 0.3320, 0.3466 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(182, 173, 160)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 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(182, 173, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 160) }
```

Border

The CSS property to change the border of an element to Yxy 42.3703, 0.3320, 0.3466 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(182, 173, 160) }
```

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

```
.border{ border-color:rgb(182, 173, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 160);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3703, 0.3320, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 160) }
```

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

```
.background{ background-color: rgb(182,  
173, 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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