

Converting Colors

$Y_{xy}(42.1521, 0.3451, 0.3529)$

Have a look what the booklet for
Yxy(42.1521, 0.3451, 0.3529)
contains.

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Color

Yxy(42.2445, 0.3451, 0.3530)

Conversions

Conversions Part 1

Format	Color
Hex	BDAB99
RGB	189, 171, 153
RGB Percent	74%, 67%, 60%
CMY	0.2589, 0.3294, 0.3999
CMYK	0.00, 0.10, 0.19, 0.26
HSL	30°, 21%, 67%
HSV	30°, 19%, 74%
XYZ	41.2991, 42.2445, 36.1292
YIQ	174.3300, 16.5060, -1.7820

Conversions

Conversions Part 2

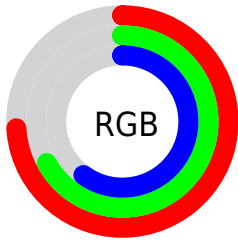
Format	Color
R _Y B	189, 189, 153
Decimal	12430233
CIE Lab	71.04, 3.54, 11.61
CIE LCh	71, 12.133, 73.043
Yxy	42.2445, 0.3451, 0.3530
Android (android.graphics.Color)	4290620313 (0xFFBDAB99)
YUV	174.3300, -10.5157, 12.8656
Hunter-Lab	64.9958, -0.3216, 12.5395

Details

The Yxy color $42.2445, 0.3451, 0.3530$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $39.5826, 0.2831, 0.3038$, and the grayscale version is $42.5561, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4905, 0.3397, 0.3487$, and $19.3039, 0.3543, 0.3602$ is the 20% darker color. If you saturate the color by 10%, you get $38.2257, 0.3655, 0.3664$, and if you desaturate by 10%, it is $46.6214, 0.3271, 0.3401$.

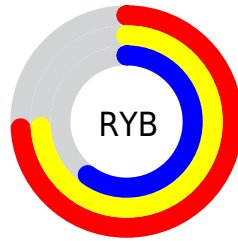
Distribution



Red (74%)

Green (67%)

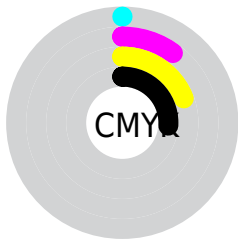
Blue (60%)



Red (74%)

Yellow (74%)

Blue (60%)

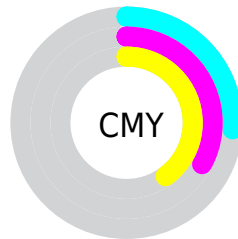


Cyan (0%)

Magenta (10%)

Yellow (19%)

Black (26%)



Cyan (26%)


Magenta (33%)


Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.2445, 0.3451, 0.3530 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 42.2445, 0.3451, 0.3530 by changing the saturation by 10% instead.


 42.2445, 0.3451,
0.3530


 42.2445, 0.3451,
0.3530


355.4955, 0.3286,
0.3409

 29.2928, 0.3493,
0.3560


 78.5695, 0.3390,
0.3486

 19.3024, 0.3548,
0.3599


 102.7116, 0.3368,
0.3470

 11.8890, 0.3622,
0.3651


131.3527, 0.3349,
0.3456

 6.6681, 0.3727,
0.3723

164.8770, 0.3332,
0.3444

 3.2554, 0.3887,
0.3829

203.6691, 0.3318,
0.3433

 1.2665, 0.4244,
0.4082

248.1133, 0.3306,

 0.1150, 0.6298,

0.3424

0.3702

298.5939, 0.3295,
0.3416

0.0000, 0.0000,
0.0000

42.2445, 0.3451,
0.3530

42.2445, 0.3451,
0.3530

38.2257, 0.3655,
0.3664

46.6214, 0.3271,
0.3401

34.5494, 0.3884,
0.3797

51.3603, 0.3113,
0.3278

31.2071, 0.4134,
0.3924

56.4722, 0.2975,
0.3164

28.1874, 0.4402,
0.4035

61.9656, 0.2855,
0.3059

25.4787, 0.4676,
0.4117

67.8491, 0.2750,
0.2962

■ 23.0676, 0.4942,
0.4159

■ 73.3725, 0.2719,
0.2991

■ 20.9399, 0.5183,
0.4150

■ 78.7085, 0.2729,
0.3096

■ 19.0746, 0.5390,
0.4093

■ 84.3330, 0.2738,
0.3199

■ 18.9045, 0.5410,
0.4086

■ 89.5574, 0.2747,
0.3289

Harmonies

Analogous

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



42.2445, 0.3470, 0.3404



42.2445, 0.3451, 0.3530



42.2445, 0.3343, 0.3596

Triad

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



42.2445, 0.3451, 0.3530



42.2445, 0.2866, 0.3319



42.2445, 0.3067, 0.3023

Complementary

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



42.2445, 0.3451, 0.3530



39.5826, 0.2831, 0.3038

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.



42.2445, 0.2910, 0.2995



42.2445, 0.3451, 0.3530



42.2445, 0.2796, 0.3161

Square

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



42.2445, 0.3451, 0.3530



42.2445, 0.3005, 0.3474



42.2445, 0.2812, 0.3044



42.2445, 0.3245, 0.3116

Rectangle

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



42.2445, 0.3451, 0.3530



42.2445, 0.3238, 0.3593



42.2445, 0.2812, 0.3044



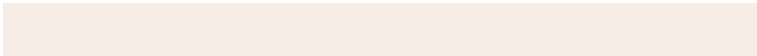
42.2445, 0.3010, 0.3006

Sweetspot

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



42.2464, 0.3451, 0.3530



85.9271, 0.3222, 0.3364



36.5753, 0.3311, 0.3044



18.3617, 0.3233, 0.3372



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.



42.2464, 0.3451, 0.3530



72.4676, 0.3537, 0.3588



49.2517, 0.3411, 0.3750



10.3029, 0.3276, 0.3405



12.8740, 0.5390, 0.4102



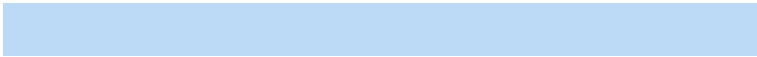
0.6351, 0.5030, 0.4388

Inverse Universe

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



39.5826, 0.2831, 0.3038



66.7849, 0.2761, 0.2973



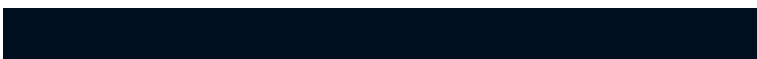
33.4403, 0.2817, 0.2785



9.9926, 0.2984, 0.3172



8.0757, 0.1777, 0.1598



0.4472, 0.1899, 0.2035

Previews

White Background



This preview shows how the Yxy color 42.2445, 0.3451, 0.3530 looks on a white background.

Color Contrast Check

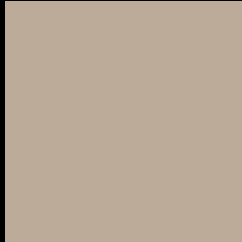
Large Text (above 18pt) WCAG AA × Fail

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 42.2445, 0.3451, 0.3530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

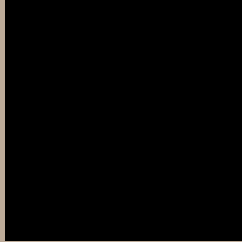
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.2445, 0.3451, 0.3530

Background



This preview shows how black text looks on a background with the Yxy color 42.2445, 0.3451, 0.3530.



This preview shows how white text looks on a background with the Yxy color 42.2445, 0.3451, 0.3530.

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

42.2445, 0.3451, 0.3530

Protanopia

42.1653, 0.3372, 0.3548

Deuteranopia

42.3441, 0.3536, 0.3473



Tritanopia

42.1392, 0.3246, 0.3123

Trichromacy



Original Color

42.2445, 0.3451, 0.3530

Protanomaly

42.1524, 0.3402, 0.3533

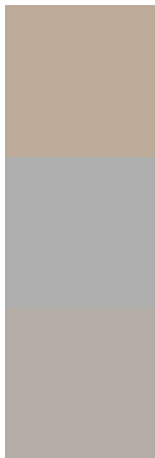
Deuteranomaly

42.3111, 0.3505, 0.3487

Tritanomaly

41.9839, 0.3324, 0.3264

Monochromacy



Original Color

42.2445, 0.3451, 0.3530

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.2240, 0.3240, 0.3385

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.2445, 0.3451, 0.3530 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, 171, 153)` looks like.

```
.text, #text, p{  
    color:rgb(189, 171, 153)  
}
```

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, 171, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 171, 153) }
```

Border

The CSS property to change the border of an element to Yxy 42.2445, 0.3451, 0.3530 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, 171, 153) }
```

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

```
.border{ border-color:rgb(189, 171, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 171, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 171, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 171, 153);  
box-shadow:4px 4px 4px 4px rgb(189, 171,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 42.2445, 0.3451, 0.3530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 171, 153) }
```

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

```
.background{ background-color: rgb(189,  
171, 153) }
```

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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