

Converting Colors

$Yxy(42.7351, 0.3191, 0.3330)$

Have a look what the booklet for
Yxy(42.7351, 0.3191, 0.3330)
contains.

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Color

Yxy(42.6774, 0.3188, 0.3331)

Conversions

Conversions Part 1

Format	Color
Hex	B2AEAB
RGB	178, 174, 171
RGB Percent	70%, 68%, 67%
CMY	0.3019, 0.3176, 0.3295
CMYK	0.00, 0.02, 0.04, 0.30
HSL	26°, 4%, 68%
HSV	26°, 4%, 70%
XYZ	40.8453, 42.6774, 44.5992
YIQ	174.8540, 3.3470, -0.0850

Conversions

Conversions Part 2

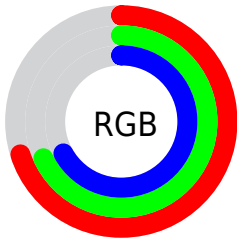
Format	Color
RYB	178, 176, 171
Decimal	11710123
CIELab	71.34, 0.87, 2.05
CIELCh	71, 2.224, 66.987
Yxy	42.6774, 0.3188, 0.3331
Android (android.graphics.Color)	4289900203 (0xFFB2AEAB)
YUV	174.8540, -1.9000, 2.7590
Hunter-Lab	65.3279, -2.7196, 5.2524

Details

The Yxy color $42.6774, 0.3188, 0.3331$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $42.5184, 0.3068, 0.3249$, and the grayscale version is $42.7994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0220, 0.3181, 0.3321$, and $19.6110, 0.3199, 0.3346$ is the 20% darker color. If you saturate the color by 10%, you get $38.2805, 0.3359, 0.3440$, and if you desaturate by 10%, it is $47.4642, 0.3041, 0.3229$.

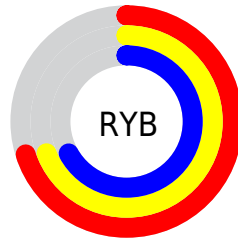
Distribution



Red (70%)

Green (68%)

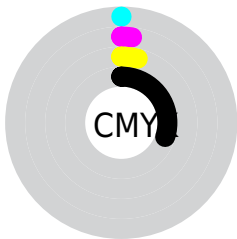
Blue (67%)



Red (70%)

Yellow (69%)

Blue (67%)

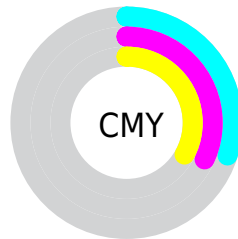


Cyan (0%)

Magenta (2%)

Yellow (4%)

Black (30%)



Cyan (30%)

Magenta (32%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6774, 0.3188, 0.3331 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 42.6774, 0.3188, 0.3331 by changing the saturation by 10% instead.


 42.6774, 0.3188,
0.3331

 42.6774, 0.3188,
0.3331


357.2834, 0.3157,
0.3310

 29.6321, 0.3196,
0.3336


 79.2238, 0.3177,
0.3323

 19.5595, 0.3206,
0.3343


103.4937, 0.3172,
0.3321

 12.0752, 0.3220,
0.3352


132.2739, 0.3169,
0.3318

 6.7949, 0.3240,
0.3365

165.9488, 0.3166,
0.3316

 3.3342, 0.3270,
0.3385

204.9028, 0.3163,
0.3314

 1.3086, 0.3322,
0.3419

249.5203, 0.3161,

 0.1478, 0.4939,

0.3313

0.4515

300.1857, 0.3159,
0.3312

0.0000, 0.0000,
0.0000

42.6774, 0.3188,
0.3331

42.6774, 0.3188,
0.3331

38.2805, 0.3359,
0.3440

47.4642, 0.3041,
0.3229

34.2579, 0.3556,
0.3554

52.6450, 0.2913,
0.3135

30.6008, 0.3781,
0.3670

58.2309, 0.2804,
0.3049

27.2982, 0.4035,
0.3784

64.2310, 0.2709,
0.2970

24.3383, 0.4315,
0.3888

70.3293, 0.2652,
0.2950

■ 21.7088, 0.4614,
0.3971

■ 75.9532, 0.2665,
0.3065

■ 19.3961, 0.4919,
0.4021

■ 81.9068, 0.2678,
0.3178

■ 17.3857, 0.5209,
0.4026

■ 88.1954, 0.2691,
0.3289

■ 15.6612, 0.5463,
0.3978

■ 88.2054, 0.2691,
0.3289

Harmonies

Analogous

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



42.6774, 0.3188, 0.3307



42.6774, 0.3188, 0.3331



42.6774, 0.3172, 0.3344

Triad

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



42.6774, 0.3188, 0.3331



42.6774, 0.3083, 0.3302



42.6774, 0.3110, 0.3238

Complementary

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



42.6774, 0.3188, 0.3331



42.5184, 0.3068, 0.3249

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.



42.6774, 0.3083, 0.3236



42.6774, 0.3188, 0.3331



42.6774, 0.3067, 0.3273

Square

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



42.6774, 0.3188, 0.3331



42.6774, 0.3112, 0.3328



42.6774, 0.3067, 0.3249



42.6774, 0.3143, 0.3253

Rectangle

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



42.6774, 0.3188, 0.3331



42.6774, 0.3154, 0.3345



42.6774, 0.3067, 0.3249



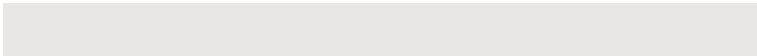
42.6774, 0.3100, 0.3236

Sweetspot

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



42.6792, 0.3188, 0.3331



79.8632, 0.3142, 0.3300



41.6795, 0.3156, 0.3235



17.7038, 0.3142, 0.3300



91.1408, 0.3127, 0.3290



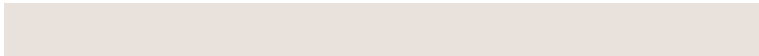
17.8868, 0.3127, 0.3290

Same Dimension

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



42.6792, 0.3188, 0.3331



76.4505, 0.3206, 0.3343



44.0144, 0.3185, 0.3377



9.4630, 0.3214, 0.3348



10.6683, 0.5583, 0.3949



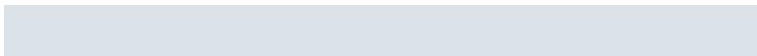
0.4524, 0.5102, 0.4331

Inverse Universe

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



42.5184, 0.3068, 0.3249



76.0776, 0.3050, 0.3236



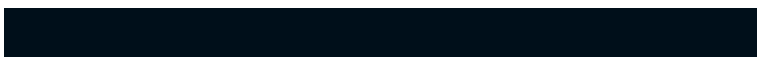
41.2073, 0.3069, 0.3202



9.4122, 0.3043, 0.3231



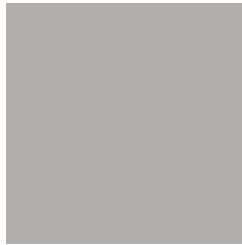
9.1169, 0.1843, 0.1835



0.4001, 0.1968, 0.2283

Previews

White Background



This preview shows how the Yxy color 42.6774, 0.3188, 0.3331 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 42.6774, 0.3188, 0.3331 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

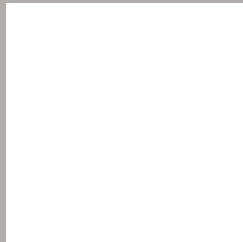
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.6774, 0.3188, 0.3331

Background



This preview shows how black text looks on a background with the Yxy color 42.6774, 0.3188, 0.3331.



This preview shows how white text looks on a background with the Yxy color 42.6774, 0.3188, 0.3331.

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

42.6774, 0.3188, 0.3331

Protanopia

42.7961, 0.3197, 0.3331

Deuteranopia

42.5610, 0.3314, 0.3252



Tritanopia

42.7111, 0.3091, 0.3119

Trichromacy



Original Color

42.6774, 0.3188, 0.3331

Protanomaly

42.7961, 0.3197, 0.3331

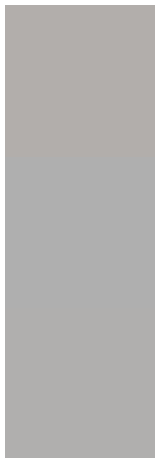
Deuteranomaly

42.6692, 0.3264, 0.3277

Tritanomaly

42.7661, 0.3123, 0.3197

Monochromacy



Original Color

42.6774, 0.3188, 0.3331

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.9460, 0.3144, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6774, 0.3188, 0.3331 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(178, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(178, 174, 171)  
}
```

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(178, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 174, 171) }
```

Border

The CSS property to change the border of an element to Yxy 42.6774, 0.3188, 0.3331 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(178, 174, 171) }
```

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

```
.border{ border-color:rgb(178, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 174, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 174, 171);  
box-shadow:4px 4px 4px 4px rgb(178, 174,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6774, 0.3188, 0.3331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 174, 171) }
```

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

```
.background{ background-color: rgb(178,  
174, 171) }
```

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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