

Converting Colors

$Yxy(42.7469, 0.3185, 0.3152)$

Have a look what the booklet for
Yxy(42.7469, 0.3185, 0.3152)
contains.

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Color

Yxy(42.6504, 0.3188, 0.3147)

Conversions

Conversions Part 1

Format	Color
Hex	BBAAB5
RGB	187, 170, 181
RGB Percent	73%, 67%, 71%
CMY	0.2667, 0.3333, 0.2902
CMYK	0.00, 0.09, 0.03, 0.27
HSL	321°, 11%, 70%
HSV	321°, 9%, 73%
XYZ	43.2061, 42.6504, 49.6707
YIQ	176.3370, 6.6010, 7.0250

Conversions

Conversions Part 2

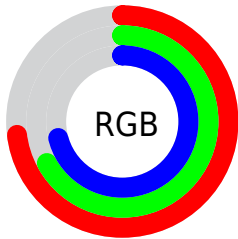
Format	Color
RYB	187, 170, 181
Decimal	12298933
CIELab	71.32, 8.08, -3.41
CIELCh	71, 8.774, 337.100
Yxy	42.6504, 0.3188, 0.3147
Android (android.graphics.Color)	4290489013 (0xFFBBAAB5)
YUV	176.3370, 2.2989, 9.3515
Hunter-Lab	65.3073, 3.8045, 0.6209

Details

The Yxy color $42.6504, 0.3188, 0.3147$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.2166, 0.3071, 0.3437$, and the grayscale version is $43.5864, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.0195, 0.3175, 0.3168$, and $19.5837, 0.3211, 0.3112$ is the 20% darker color. If you saturate the color by 10%, you get $35.8683, 0.3267, 0.2983$, and if you desaturate by 10%, it is $50.4461, 0.3122, 0.3304$.

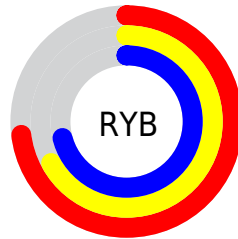
Distribution



Red (73%)

Green (67%)

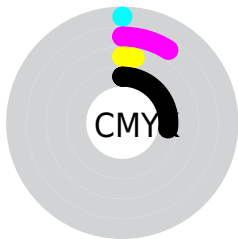
Blue (71%)



Red (73%)

Yellow (67%)

Blue (71%)

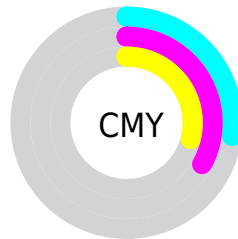


Cyan (0%)

Magenta (9%)

Yellow (3%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 42.6504, 0.3188, 0.3147 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 42.6504, 0.3188, 0.3147 by changing the saturation by 10% instead.


 42.6504, 0.3188,
0.3147

 42.6504, 0.3188,
0.3147


357.1721, 0.3158,
0.3219

 29.6109, 0.3196,
0.3129


 79.1830, 0.3177,
0.3173

 19.5434, 0.3205,
0.3106


103.4450, 0.3173,
0.3183

 12.0636, 0.3219,
0.3075


132.2165, 0.3169,
0.3191

 6.7870, 0.3237,
0.3031

165.8820, 0.3166,
0.3198

 3.3293, 0.3265,
0.2965

204.8260, 0.3164,
0.3205

 1.3060, 0.3311,
0.2855

249.4327, 0.3161,

 0.1458, 0.3821,

0.3210

0.1658

300.0866, 0.3159,
0.3215

0.0000, 0.0000,
0.0000

42.6504, 0.3188,
0.3147

42.6504, 0.3188,
0.3147

35.8683, 0.3267,
0.2983

50.4461, 0.3122,
0.3304

30.0523, 0.3359,
0.2814

59.2895, 0.3066,
0.3452

25.1591, 0.3467,
0.2647

69.2199, 0.3019,
0.3589

21.1403, 0.3589,
0.2489

80.2727, 0.2981,
0.3716

17.9425, 0.3725,
0.2349

86.9366, 0.2946,
0.3746

■ 15.5070, 0.3873,
0.2238

■ 87.2803, 0.2912,
0.3670

■ 13.7669, 0.4027,
0.2167

■ 87.6378, 0.2877,
0.3595

■ 12.6436, 0.4183,
0.2145

■ 88.0092, 0.2843,
0.3521

■ 11.9972, 0.4336,
0.2168

■ 88.3948, 0.2809,
0.3448

Harmonies

Analogous

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



42.6504, 0.3060, 0.3087



42.6504, 0.3188, 0.3147



42.6504, 0.3301, 0.3243

Triad

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



42.6504, 0.3188, 0.3147



42.6504, 0.3303, 0.3505



42.6504, 0.2892, 0.3219

Complementary

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



42.6504, 0.3188, 0.3147



47.2166, 0.3071, 0.3437

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.



42.6504, 0.2955, 0.3335



42.6504, 0.3188, 0.3147



42.6504, 0.3191, 0.3503

Square

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



42.6504, 0.3188, 0.3147



42.6504, 0.3368, 0.3449



42.6504, 0.3063, 0.3440



42.6504, 0.2891, 0.3126

Rectangle

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



42.6504, 0.3188, 0.3147



42.6504, 0.3353, 0.3316



42.6504, 0.3063, 0.3440



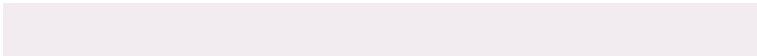
42.6504, 0.2907, 0.3257

Sweetspot

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



42.6523, 0.3188, 0.3147



84.6009, 0.3147, 0.3243



41.5646, 0.3040, 0.3064



18.3797, 0.3152, 0.3230



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.



42.6523, 0.3188, 0.3147



73.7046, 0.3203, 0.3113



42.3160, 0.3261, 0.3257



9.6376, 0.3190, 0.3143



8.2455, 0.4333, 0.2161



0.3350, 0.3999, 0.1977

Inverse Universe

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



42.6523, 0.3188, 0.3147



73.7046, 0.3203, 0.3113



47.5614, 0.3008, 0.3323



9.6376, 0.3190, 0.3143



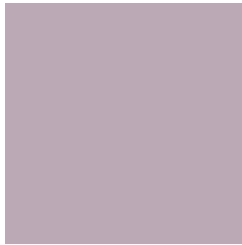
8.2455, 0.4333, 0.2161



0.3350, 0.3999, 0.1977

Previews

White Background



This preview shows how the Yxy color 42.6504, 0.3188, 0.3147 looks on a white background.

Color Contrast Check

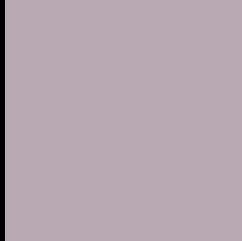
Large Text (above 18pt) WCAG AA × Fail

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 42.6504, 0.3188, 0.3147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

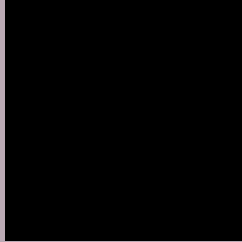
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.6504, 0.3188, 0.3147

Background



This preview shows how black text looks on a background with the Yxy color 42.6504, 0.3188, 0.3147.



This preview shows how white text looks on a background with the Yxy color 42.6504, 0.3188, 0.3147.

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

42.6504, 0.3188, 0.3147

Protanopia

42.8050, 0.3063, 0.3170

Deuteranopia

42.5309, 0.3207, 0.3135



Tritanopia

42.7331, 0.3171, 0.3121

Trichromacy



Original Color

42.6504, 0.3188, 0.3147

Protanomaly

42.8482, 0.3106, 0.3171

Deuteranomaly

42.4035, 0.3198, 0.3134

Tritanomaly

42.6916, 0.3180, 0.3134

Monochromacy



Original Color

42.6504, 0.3188, 0.3147

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1898, 0.3147, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.6504, 0.3188, 0.3147 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(187, 170, 181)` looks like.

```
.text, #text, p{  
    color:rgb(187, 170, 181)  
}
```

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(187, 170, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 170, 181) }
```

Border

The CSS property to change the border of an element to Yxy 42.6504, 0.3188, 0.3147 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(187, 170, 181) }
```

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

```
.border{ border-color:rgb(187, 170, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 170, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 170, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 170, 181);  
box-shadow:4px 4px 4px 4px rgb(187, 170,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 42.6504, 0.3188, 0.3147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 170, 181) }
```

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

```
.background{ background-color: rgb(187,  
170, 181) }
```

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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