

Converting Colors

$Y_{xy}(42.7331, 0.3125, 0.3070)$

Have a look what the booklet for
Yxy(42.7331, 0.3125, 0.3070)
contains.

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Color

Yxy(42.7764, 0.3129, 0.3070)

Conversions

Conversions Part 1

Format	Color
Hex	BAAABB
RGB	186, 170, 187
RGB Percent	73%, 67%, 73%
CMY	0.2705, 0.3334, 0.2667
CMYK	0.01, 0.09, 0.00, 0.27
HSL	297°, 11%, 70%
HSV	297°, 9%, 73%
XYZ	43.5985, 42.7764, 52.9619
YIQ	176.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

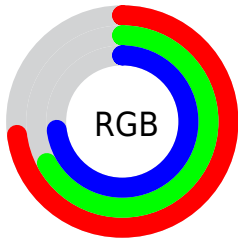
Format	Color
R_{YB}	186, 170, 187
Decimal	12233403
CIE _{Lab}	71.40, 8.87, -6.59
CIE _{LCh}	71, 11.055, 323.380
Yxy	42.7764, 0.3129, 0.3070
Android (android.graphics.Color)	4290423483 (0xFFBAAABB)
YUV	176.7220, 5.0671, 8.1368
Hunter-Lab	65.4037, 4.5328, -2.2287

Details

The Yxy color $42.7764, 0.3129, 0.3070$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $47.0868, 0.3124, 0.3519$, and the grayscale version is $43.7868, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.1987, 0.3129, 0.3108$, and $19.6646, 0.3128, 0.3007$ is the 20% darker color. If you saturate the color by 10%, you get $36.1293, 0.3130, 0.2821$, and if you desaturate by 10%, it is $50.4252, 0.3127, 0.3312$.

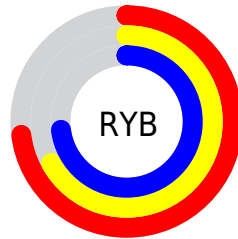
Distribution



Red (73%)

Green (67%)

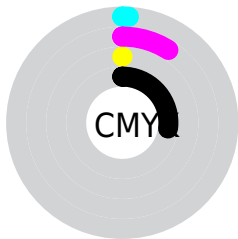
Blue (73%)



Red (73%)

Yellow (67%)

Blue (73%)

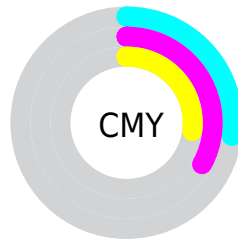


Cyan (1%)

Magenta (9%)

Yellow (0%)

Black (27%)



Cyan (27%)

Magenta (33%)

Yellow (27%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 42.7764, 0.3129, 0.3070 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 42.7764, 0.3129, 0.3070 by changing the saturation by 10% instead.


 42.7764, 0.3129,
0.3070

 42.7764, 0.3129,
0.3070


 357.6914, 0.3129,
0.3180

 29.7097, 0.3129,
0.3043


 79.3733, 0.3129,
0.3110


 19.6184, 0.3128,
0.3007


 103.6724, 0.3129,
0.3125


 12.1179, 0.3128,
0.2961


 132.4843, 0.3129,
0.3138

 6.8240, 0.3126,
0.2895

 166.1935, 0.3129,
0.3148

 3.3523, 0.3123,
0.2798

 205.1845, 0.3129,
0.3158

 1.3183, 0.3114,
0.2637

 249.8415, 0.3129,

 0.1553, 0.3168,

0.3166


0.1351


300.5490, 0.3129,
0.3173

 0.0000, 0.0000,
0.0000


 42.7764, 0.3129,
0.3070


 42.7764, 0.3129,
0.3070


 36.1293, 0.3130,
0.2821

 50.4252, 0.3127,
0.3312

 30.4365, 0.3129,
0.2570

 59.1095, 0.3124,
0.3541


 25.6550, 0.3127,
0.2326

 68.8685, 0.3120,
0.3756

 21.7364, 0.3122,
0.2099

 79.7376, 0.3116,
0.3954

 18.6277, 0.3116,
0.1897

 86.2159, 0.3117,
0.4054

■ 16.2702, 0.3107,
0.1729

■ 86.3518, 0.3123,
0.4053

■ 14.5972, 0.3096,
0.1601

■ 86.4887, 0.3129,
0.4052

■ 13.5304, 0.3084,
0.1517

■ 86.6266, 0.3136,
0.4050

■ 12.9300, 0.3071,
0.1469

■ 86.7655, 0.3142,
0.4049

Harmonies

Analogous

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



42.7764, 0.2975, 0.3023



42.7764, 0.3129, 0.3070



42.7764, 0.3286, 0.3172

Triad

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



42.7764, 0.3129, 0.3070



42.7764, 0.3395, 0.3536



42.7764, 0.2860, 0.3265

Complementary

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



42.7764, 0.3129, 0.3070



47.0868, 0.3124, 0.3519

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.



42.7764, 0.2967, 0.3412



42.7764, 0.3129, 0.3070



42.7764, 0.3276, 0.3570

Square

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



42.7764, 0.3129, 0.3070



42.7764, 0.3442, 0.3438



42.7764, 0.3119, 0.3525



42.7764, 0.2822, 0.3131

Rectangle

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



42.7764, 0.3129, 0.3070



42.7764, 0.3370, 0.3259



42.7764, 0.3119, 0.3525



42.7764, 0.2889, 0.3315

Sweetspot

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



42.7782, 0.3129, 0.3070



84.6822, 0.3128, 0.3217



41.3067, 0.2988, 0.3076



18.4023, 0.3128, 0.3198



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.



42.7782, 0.3129, 0.3070



73.9933, 0.3129, 0.3018



42.5901, 0.3200, 0.3165



9.6684, 0.3129, 0.3063



8.8881, 0.3072, 0.1466



0.3565, 0.3107, 0.1485

Inverse Universe

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



42.2483, 0.3275, 0.3278



72.8442, 0.3313, 0.3275



47.2672, 0.3061, 0.3419



9.5448, 0.3280, 0.3278



7.2986, 0.6330, 0.3261



0.2889, 0.6071, 0.3118

Previews

White Background



This preview shows how the Yxy color 42.7764, 0.3129, 0.3070 looks on a white background.

Color Contrast Check

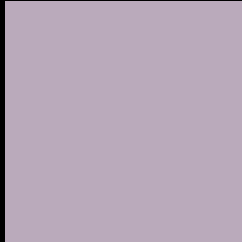
Large Text (above 18pt) WCAG AA × Fail

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 42.7764, 0.3129, 0.3070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

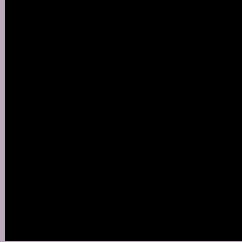
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 42.7764, 0.3129, 0.3070

Background



This preview shows how black text looks on a background with the Yxy color 42.7764, 0.3129, 0.3070.



This preview shows how white text looks on a background with the Yxy color 42.7764, 0.3129, 0.3070.

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

42.7764, 0.3129, 0.3070

Protanopia

42.9449, 0.3007, 0.3091

Deuteranopia

42.7764, 0.3129, 0.3070



Tritanopia

43.0256, 0.3153, 0.3121

Trichromacy



Original Color

42.7764, 0.3129, 0.3070

Protanomaly

42.9830, 0.3049, 0.3092

Deuteranomaly

42.7764, 0.3129, 0.3070

Tritanomaly

43.0677, 0.3145, 0.3108

Monochromacy



Original Color

42.7764, 0.3129, 0.3070

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3116, 0.3123, 0.3197

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.7764, 0.3129, 0.3070 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(186, 170, 187)` looks like.

```
.text, #text, p{  
    color:rgb(186, 170, 187)  
}
```

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(186, 170, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 170, 187) }
```

Border

The CSS property to change the border of an element to Yxy 42.7764, 0.3129, 0.3070 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(186, 170, 187) }
```

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

```
.border{ border-color:rgb(186, 170, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 170, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 170, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 170, 187);  
box-shadow:4px 4px 4px 4px rgb(186, 170,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 42.7764, 0.3129, 0.3070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 170, 187) }
```

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

```
.background{ background-color: rgb(186,  
170, 187) }
```

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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