

Converting Colors

$Y_{xy}(45.0025, 0.3132, 0.3080)$

Have a look what the booklet for
Yxy(45.0025, 0.3132, 0.3080)
contains.

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Color

Yxy(44.9808, 0.3129, 0.3074)

Conversions

Conversions Part 1

Format	Color
Hex	BEAEBF
RGB	190, 174, 191
RGB Percent	75%, 68%, 75%
CMY	0.2547, 0.3177, 0.2510
CMYK	0.00, 0.09, 0.00, 0.25
HSL	297°, 12%, 72%
HSV	297°, 9%, 75%
XYZ	45.7856, 44.9808, 55.5602
YIQ	180.7220, 4.0790, 8.6790

Conversions

Conversions Part 2

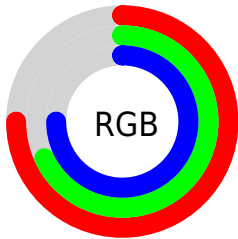
Format	Color
R_{YB}	190, 174, 191
Decimal	12496575
CIE _{Lab}	72.88, 8.85, -6.58
CIE _{LCh}	73, 11.030, 323.376
Yxy	44.9808, 0.3129, 0.3074
Android (android.graphics.Color)	4290686655 (0xFFBEAEBF)
YUV	180.7220, 5.0671, 8.1368
Hunter-Lab	67.0677, 4.4893, -2.1696

Details

The Yxy color `44.9808, 0.3129, 0.3074` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `49.4244, 0.3124, 0.3515`, and the grayscale version is `46.0253, 0.3127, 0.3290`.

A 20% lighter version of the original color is `82.3469, 0.3129, 0.3111`, and `21.0724, 0.3128, 0.3015` is the 20% darker color. If you saturate the color by 10%, you get `37.9844, 0.3130, 0.2825`, and if you desaturate by 10%, it is `53.0315, 0.3127, 0.3316`.

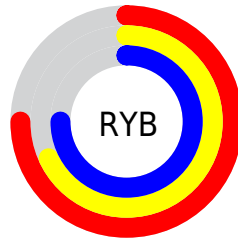
Distribution



Red (75%)

Green (68%)

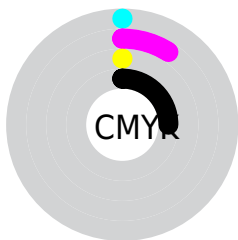
Blue (75%)



Red (75%)

Yellow (68%)

Blue (75%)

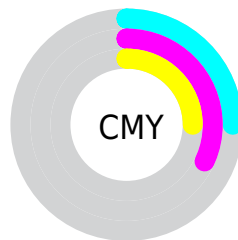


Cyan (0%)

Magenta (9%)

Yellow (0%)

Black (25%)



Cyan (25%)


Magenta (32%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9808, 0.3129, 0.3074 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 44.9808, 0.3129, 0.3074 by changing the saturation by 10% instead.


 44.9808, 0.3129,
0.3074

 44.9808, 0.3129,
0.3074


366.6958, 0.3129,
0.3181

 31.4423, 0.3129,
0.3048


 82.6916, 0.3129,
0.3113

 20.9359, 0.3128,
0.3014


107.6327, 0.3129,
0.3127

 13.0771, 0.3128,
0.2969


137.1434, 0.3129,
0.3140

 7.4817, 0.3126,
0.2907

171.6082, 0.3129,
0.3150

 3.7651, 0.3123,
0.2816

211.4115, 0.3129,
0.3159

 1.5431, 0.3116,
0.2668

256.9375, 0.3129,

 0.3188, 0.3156,

0.3168

0.1938

308.5709, 0.3129,
0.3175

0.0000, 0.0000,
0.0000

44.9808, 0.3129,
0.3074

44.9808, 0.3129,
0.3074

37.9844, 0.3130,
0.2825

53.0315, 0.3127,
0.3316

31.9923, 0.3129,
0.2574

62.1720, 0.3124,
0.3545

26.9594, 0.3127,
0.2329

72.4436, 0.3120,
0.3760

22.8346, 0.3123,
0.2101

83.8834, 0.3116,
0.3958

19.5622, 0.3116,
0.1898

86.9329, 0.3120,
0.4002

■ 17.0805, 0.3107,
0.1730

■ 87.0752, 0.3126,
0.4001

■ 15.3193, 0.3097,
0.1602

■ 87.2186, 0.3133,
0.4000

■ 14.1962, 0.3085,
0.1517

■ 87.3630, 0.3140,
0.3998

■ 13.5699, 0.3071,
0.1469

■ 87.5084, 0.3146,
0.3997

Harmonies

Analogous

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



44.9808, 0.2978, 0.3028



44.9808, 0.3129, 0.3074



44.9808, 0.3283, 0.3174

Triad

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



44.9808, 0.3129, 0.3074



44.9808, 0.3390, 0.3532



44.9808, 0.2865, 0.3266

Complementary

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



44.9808, 0.3129, 0.3074



49.4244, 0.3124, 0.3515

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.



44.9808, 0.2970, 0.3409



44.9808, 0.3129, 0.3074



44.9808, 0.3273, 0.3565

Square

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



44.9808, 0.3129, 0.3074



44.9808, 0.3436, 0.3435



44.9808, 0.3119, 0.3520



44.9808, 0.2828, 0.3134

Rectangle

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



44.9808, 0.3129, 0.3074



44.9808, 0.3366, 0.3260



44.9808, 0.3119, 0.3520



44.9808, 0.2893, 0.3315

Sweetspot

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



44.9827, 0.3129, 0.3074



88.7785, 0.3128, 0.3217



43.4655, 0.2991, 0.3080



19.2361, 0.3128, 0.3197



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



44.9827, 0.3129, 0.3074



77.5611, 0.3129, 0.3018



44.7885, 0.3198, 0.3167



9.6685, 0.3129, 0.3063



8.8906, 0.3072, 0.1466



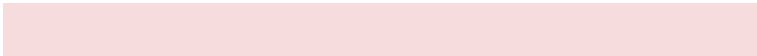
0.3566, 0.3107, 0.1485

Inverse Universe

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



44.4358, 0.3272, 0.3278



76.3540, 0.3314, 0.3275



49.6109, 0.3062, 0.3416



9.5447, 0.3280, 0.3278



7.2985, 0.6330, 0.3261



0.2889, 0.6072, 0.3119

Previews

White Background



This preview shows how the Yxy color 44.9808, 0.3129, 0.3074 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 44.9808, 0.3129, 0.3074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

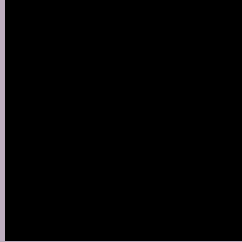
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9808, 0.3129, 0.3074

Background



This preview shows how black text looks on a background with the Yxy color 44.9808, 0.3129, 0.3074.



This preview shows how white text looks on a background with the Yxy color 44.9808, 0.3129, 0.3074.

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

44.9808, 0.3129, 0.3074

Protanopia

45.1560, 0.3009, 0.3095

Deuteranopia

45.1101, 0.3137, 0.3075



Tritanopia

44.8501, 0.3153, 0.3112

Trichromacy



Original Color

44.9808, 0.3129, 0.3074

Protanomaly

45.1951, 0.3051, 0.3096

Deuteranomaly

45.1101, 0.3137, 0.3075

Tritanomaly

44.8934, 0.3145, 0.3099

Monochromacy



Original Color

44.9808, 0.3129, 0.3074

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.5339, 0.3123, 0.3199

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9808, 0.3129, 0.3074 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(190, 174, 191)` looks like.

```
.text, #text, p{  
    color:rgb(190, 174, 191)  
}
```

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(190, 174, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 174, 191) }
```

Border

The CSS property to change the border of an element to Yxy 44.9808, 0.3129, 0.3074 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(190, 174, 191) }
```

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

```
.border{ border-color:rgb(190, 174, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 174, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 174, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 174, 191);  
box-shadow:4px 4px 4px 4px rgb(190, 174,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9808, 0.3129, 0.3074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 174, 191) }
```

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

```
.background{ background-color: rgb(190,  
174, 191) }
```

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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