

Converting Colors

$Yxy(48.7623, 0.2977, 0.3004)$

Have a look what the booklet for
Yxy(48.7623, 0.2977, 0.3004)
contains.

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Color

Yxy(48.7623, 0.2977, 0.3004)

Conversions

Conversions Part 1

Format	Color
Hex	BAB7CE
RGB	186, 183, 206
RGB Percent	73%, 72%, 81%
CMY	0.2705, 0.2823, 0.1923
CMYK	0.10, 0.11, 0.00, 0.19
HSL	248°, 19%, 76%
HSV	248°, 11%, 81%
XYZ	48.3240, 48.7623, 65.2382
YIQ	186.5190, -5.5950, 7.7890

Conversions

Conversions Part 2

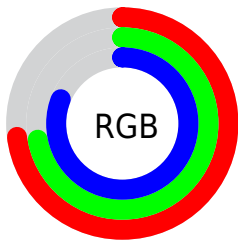
Format	Color
R _Y B	186, 183, 206
Decimal	12236750
CIE Lab	75.30, 5.52, -11.19
CIE LCh	75, 12.475, 296.251
Yxy	48.7623, 0.2977, 0.3004
Android (android.graphics.Color)	4290426830 (0xFFBAB7CE)
YUV	186.5190, 9.6041, -0.4552
Hunter-Lab	69.8300, 1.3237, -6.5103

Details

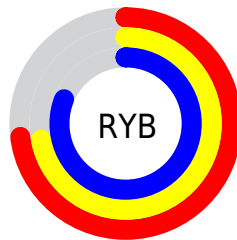
The Yxy color `48.7623, 0.2977, 0.3004` is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be `60.2375, 0.3268, 0.3565`, and the grayscale version is `49.3582, 0.3127, 0.3290`.

A 20% lighter version of the original color is `87.8302, 0.3050, 0.3132`, and `23.2188, 0.2934, 0.2921` is the 20% darker color. If you saturate the color by 10%, you get `38.7774, 0.2822, 0.2715`, and if you desaturate by 10%, it is `60.2752, 0.3113, 0.3262`.

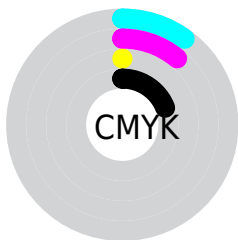
Distribution



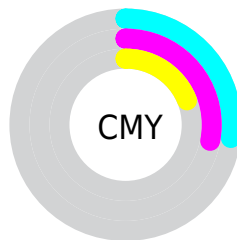
- Red (73%)
- Green (72%)
- Blue (81%)



- Red (73%)
- Yellow (72%)
- Blue (81%)



- Cyan (10%)
- Magenta (11%)
- Yellow (0%)
- Black (19%)



- Cyan (27%)
- Magenta (28%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.7623, 0.2977, 0.3004 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 48.7623, 0.2977, 0.3004 by changing the saturation by 10% instead.

■ 48.7623, 0.2977,
0.3004

■ 48.7623, 0.2977,
0.3004

381.8058, 0.3052,
0.3144

■ 34.4310, 0.2958,
0.2970

■ 88.3383, 0.3004,
0.3054

■ 23.2249, 0.2934,
0.2927

114.3518, 0.3014,
0.3073

■ 14.7596, 0.2903,
0.2870

145.0281, 0.3023,
0.3089

■ 8.6509, 0.2859,
0.2793

180.7516, 0.3030,
0.3103

■ 4.5142, 0.2794,
0.2682

221.9067, 0.3037,
0.3115

■ 1.9651, 0.2688,
0.2508

268.8779, 0.3043,

■ 0.5871, 0.2494,

0.3126

0.2114

322.0494, 0.3048,
0.3136

0.0000, 0.0000,
0.0000

48.7623, 0.2977,
0.3004

48.7623, 0.2977,
0.3004

38.7774, 0.2822,
0.2715

60.2752, 0.3113,
0.3262

30.2503, 0.2649,
0.2399

73.3703, 0.3230,
0.3490

23.1144, 0.2460,
0.2063

88.1066, 0.3331,
0.3689

17.2953, 0.2263,
0.1720

97.2348, 0.3418,
0.3771

12.7121, 0.2066,
0.1390

■ 9.2743, 0.1884,
0.1097

■ 6.8794, 0.1729,
0.0864

■ 5.4060, 0.1614,
0.0706

■ 4.6886, 0.1546,
0.0626

Harmonies

Analogous

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



48.7623, 0.2851, 0.3019



48.7623, 0.2977, 0.3004



48.7623, 0.3146, 0.3061

Triad

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



48.7623, 0.2977, 0.3004



48.7623, 0.3467, 0.3461



48.7623, 0.2941, 0.3407

Complementary

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



48.7623, 0.2977, 0.3004



60.2375, 0.3268, 0.3565

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.



48.7623, 0.3102, 0.3535



48.7623, 0.2977, 0.3004



48.7623, 0.3407, 0.3563

Square

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



48.7623, 0.2977, 0.3004



48.7623, 0.3432, 0.3320



48.7623, 0.3273, 0.3592



48.7623, 0.2831, 0.3248

Rectangle

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



48.7623, 0.2977, 0.3004



48.7623, 0.3261, 0.3132



48.7623, 0.3273, 0.3592



48.7623, 0.2990, 0.3456

Sweetspot

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



48.7644, 0.2977, 0.3004



93.9772, 0.3089, 0.3216



57.3719, 0.2957, 0.3257



19.7790, 0.3078, 0.3196



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



48.7644, 0.2977, 0.3004



75.5848, 0.2947, 0.2948



50.2156, 0.3067, 0.3012



10.9135, 0.3002, 0.3052



2.9120, 0.1554, 0.0630



0.1740, 0.1696, 0.0708

Inverse Universe

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



51.2952, 0.3164, 0.3053



80.3656, 0.3171, 0.3009



58.7288, 0.3181, 0.3572



11.3774, 0.3157, 0.3091



10.0929, 0.3568, 0.1739



0.5279, 0.3488, 0.1695

Previews

White Background



This preview shows how the Yxy color 48.7623, 0.2977, 0.3004 looks on a white background.

Color Contrast Check

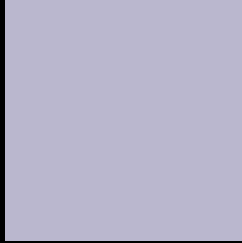
Large Text (above 18pt) WCAG AA × Fail

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 48.7623, 0.2977, 0.3004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

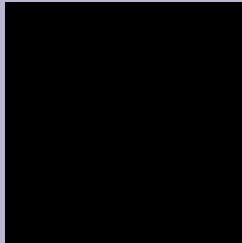
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.7623, 0.2977, 0.3004

Background



This preview shows how black text looks on a background with the Yxy color 48.7623, 0.2977, 0.3004.



This preview shows how white text looks on a background with the Yxy color 48.7623, 0.2977, 0.3004.

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

48.7623, 0.2977, 0.3004

Protanopia

48.7311, 0.2938, 0.3002

Deuteranopia

48.5681, 0.3042, 0.2972



Tritanopia

48.7188, 0.3021, 0.3101

Trichromacy



Original Color

48.7623, 0.2977, 0.3004

Protanomaly

48.8533, 0.2946, 0.3002

Deuteranomaly

48.5803, 0.3017, 0.2982

Tritanomaly

48.8595, 0.2998, 0.3064

Monochromacy



Original Color

48.7623, 0.2977, 0.3004

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.5776, 0.3074, 0.3189

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.7623, 0.2977, 0.3004 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, 183, 206)` looks like.

```
.text, #text, p{  
    color:rgb(186, 183, 206)  
}
```

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, 183, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 183, 206) }
```

Border

The CSS property to change the border of an element to Yxy 48.7623, 0.2977, 0.3004 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, 183, 206) }
```

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

```
.border{ border-color:rgb(186, 183, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 183, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 183, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 183, 206);  
box-shadow:4px 4px 4px 4px rgb(186, 183,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 48.7623, 0.2977, 0.3004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 183, 206) }
```

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

```
.background{ background-color: rgb(186,  
183, 206) }
```

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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