

Converting Colors

$Y_{xy}(48.2449, 0.2892, 0.2750)$

Have a look what the booklet for
Yxy(48.2449, 0.2892, 0.2750)
contains.

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Color

Yxy(48.2449, 0.2892, 0.2750)

Conversions

Conversions Part 1

Format	Color
Hex	BFB2DF
RGB	191, 178, 223
RGB Percent	75%, 70%, 87%
CMY	0.2508, 0.3020, 0.1255
CMYK	0.14, 0.20, 0.00, 0.13
HSL	257°, 41%, 79%
HSV	257°, 20%, 87%
XYZ	50.7361, 48.2449, 76.4550
YIQ	187.0170, -6.6970, 16.7510

Conversions

Conversions Part 2

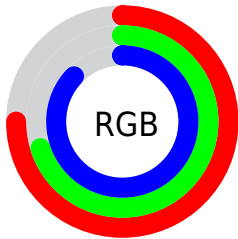
Format	Color
R_{YB}	191, 178, 223
Decimal	12563167
CIE _{Lab}	74.98, 13.45, -20.90
CIE _{LCh}	75, 24.856, 302.752
Yxy	48.2449, 0.2892, 0.2750
Android (android.graphics.Color)	4290753247 (0xFFBFB2DF)
YUV	187.0170, 17.7396, 3.4931
Hunter-Lab	69.4585, 8.8331, -16.6412

Details

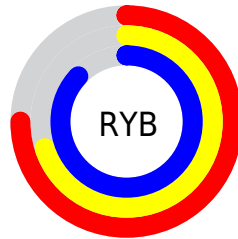
The Yxy color $48.2449, 0.2892, 0.2750$ is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be $69.6862, 0.3332, 0.3808$, and the grayscale version is $49.6098, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.0221, 0.3090, 0.3085$, and $22.8127, 0.2819, 0.2602$ is the 20% darker color. If you saturate the color by 10%, you get $38.1399, 0.2750, 0.2446$, and if you desaturate by 10%, it is $60.0182, 0.3017, 0.3031$.

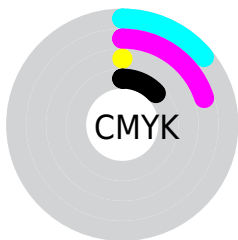
Distribution



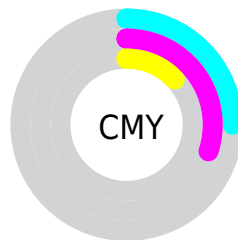
- Red (75%)
- Green (70%)
- Blue (87%)



- Red (75%)
- Yellow (70%)
- Blue (87%)



- Cyan (14%)
- Magenta (20%)
- Yellow (0%)
- Black (13%)



- Cyan (25%)
- Magenta (30%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2449, 0.2892, 0.2750 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 48.2449, 0.2892, 0.2750 by changing the saturation by 10% instead.

■ 48.2449, 0.2892,
0.2750

■ 48.2449, 0.2892,
0.2750

379.7620, 0.3011,
0.3009

■ 34.0209, 0.2862,
0.2689

■ 87.5689, 0.2935,
0.2842

■ 22.9096, 0.2824,
0.2612

113.4377, 0.2951,
0.2877

■ 14.5268, 0.2774,
0.2513

143.9569, 0.2965,
0.2907

■ 8.4880, 0.2704,
0.2380

179.5108, 0.2977,
0.2933

■ 4.4087, 0.2601,
0.2196

220.4839, 0.2987,
0.2956

■ 1.9047, 0.2437,
0.1923

267.2605, 0.2996,

■ 0.5512, 0.2166,

0.2976

0.1401

320.2251, 0.3004,
0.2993

0.0000, 0.0000,
0.0000

48.2449, 0.2892,
0.2750

48.2449, 0.2892,
0.2750

38.1399, 0.2750,
0.2446

60.0182, 0.3017,
0.3031

29.6206, 0.2593,
0.2125

73.5254, 0.3125,
0.3285

22.6061, 0.2423,
0.1800

88.8359, 0.3218,
0.3513

17.0062, 0.2248,
0.1485

97.9879, 0.3311,
0.3602

12.7204, 0.2076,
0.1202

98.1081, 0.3315,
0.3601

■ 9.6347, 0.1918,
0.0970

■ 7.6143, 0.1784,
0.0802

■ 6.4428, 0.1680,
0.0699

Harmonies

Analogous

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



48.2449, 0.2627, 0.2739



48.2449, 0.2892, 0.2750



48.2449, 0.3235, 0.2887

Triad

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



48.2449, 0.2892, 0.2750



48.2449, 0.3799, 0.3668



48.2449, 0.2698, 0.3454

Complementary

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



48.2449, 0.2892, 0.2750



69.6862, 0.3332, 0.3808

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.



48.2449, 0.2994, 0.3749



48.2449, 0.2892, 0.2750



48.2449, 0.3635, 0.3859

Square

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



48.2449, 0.2892, 0.2750



48.2449, 0.3774, 0.3398



48.2449, 0.3337, 0.3899



48.2449, 0.2520, 0.3125

Rectangle

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



48.2449, 0.2892, 0.2750



48.2449, 0.3462, 0.3033



48.2449, 0.3337, 0.3899



48.2449, 0.2787, 0.3562

Sweetspot

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



48.2469, 0.2892, 0.2750



88.6220, 0.3064, 0.3140



61.0091, 0.2817, 0.3137



18.7150, 0.3057, 0.3123



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.



48.2469, 0.2892, 0.2750



59.6470, 0.2837, 0.2631



51.3475, 0.3070, 0.2778



13.4350, 0.3026, 0.3051



3.8383, 0.1693, 0.0706



0.3110, 0.1857, 0.0797

Inverse Universe

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



52.1747, 0.3255, 0.2930



65.8828, 0.3286, 0.2856



66.6519, 0.3170, 0.3834



13.8643, 0.3182, 0.3125



10.7018, 0.4106, 0.2035



0.7571, 0.3935, 0.1941

Previews

White Background



This preview shows how the Yxy color 48.2449, 0.2892, 0.2750 looks on a white background.

Color Contrast Check

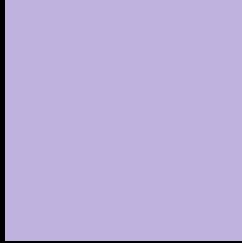
Large Text (above 18pt) WCAG AA × Fail

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 48.2449, 0.2892, 0.2750 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

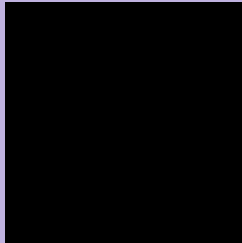
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2449, 0.2892, 0.2750

Background



This preview shows how black text looks on a background with the Yxy color 48.2449, 0.2892, 0.2750.



This preview shows how white text looks on a background with the Yxy color 48.2449, 0.2892, 0.2750.

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

48.2449, 0.2892, 0.2750

Protanopia

48.4719, 0.2753, 0.2761

Deuteranopia

48.1606, 0.2838, 0.2767



Tritanopia

48.4630, 0.3052, 0.3114

Trichromacy



Original Color

48.2449, 0.2892, 0.2750

Protanomaly

48.3077, 0.2803, 0.2753

Deuteranomaly

48.1327, 0.2861, 0.2758

Tritanomaly

48.1953, 0.2993, 0.2980

Monochromacy



Original Color

48.2449, 0.2892, 0.2750

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.1425, 0.3037, 0.3090

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2449, 0.2892, 0.2750 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(191, 178, 223)` looks like.

```
.text, #text, p{  
    color:rgb(191, 178, 223)  
}
```

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(191, 178, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 178, 223) }
```

Border

The CSS property to change the border of an element to Yxy 48.2449, 0.2892, 0.2750 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(191, 178, 223) }
```

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

```
.border{ border-color:rgb(191, 178, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 178, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 178, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 178, 223);  
box-shadow:4px 4px 4px 4px rgb(191, 178,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2449, 0.2892, 0.2750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 178, 223) }
```

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

```
.background{ background-color: rgb(191,  
178, 223) }
```

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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