

Converting Colors

$Y_{xy}(48.4171, 0.2865, 0.2556)$

Have a look what the booklet for
Yxy(48.4171, 0.2865, 0.2556)
contains.

Yxy(48.4191, 0.2869, 0.2557)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(48.4191, 0.2869, 0.2557)

Conversions

Conversions Part 1

Format	Color
Hex	C9ADED
RGB	201, 173, 237
RGB Percent	79%, 68%, 93%
CMY	0.2116, 0.3216, 0.0705
CMYK	0.15, 0.27, 0.00, 0.07
HSL	266°, 64%, 80%
HSV	266°, 27%, 93%
XYZ	54.3271, 48.4191, 86.6128
YIQ	188.6680, -3.8560, 25.8400

Conversions

Conversions Part 2

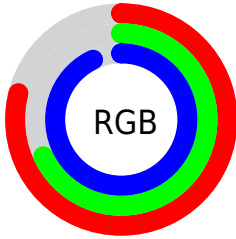
Format	Color
R_{YB}	201, 173, 237
Decimal	13217261
CIE _{Lab}	75.09, 22.33, -28.26
CIE _{LCh}	75, 36.018, 308.308
Yxy	48.4191, 0.2869, 0.2557
Android (android.graphics.Color)	4291407341 (0xFFC9ADED)
YUV	188.6680, 23.8277, 10.8152
Hunter-Lab	69.5838, 17.5909, -25.0911

Details

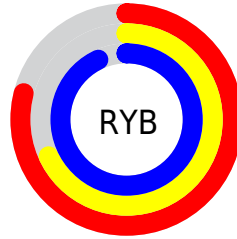
The Yxy color **48.4191, 0.2869, 0.2557** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **77.1416, 0.3334, 0.4012**, and the grayscale version is **50.5563, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.5186, 0.3139, 0.3039**, and **22.8801, 0.2789, 0.2371** is the 20% darker color. If you saturate the color by 10%, you get **38.3578, 0.2747, 0.2254**, and if you desaturate by 10%, it is **60.2566, 0.2977, 0.2846**.

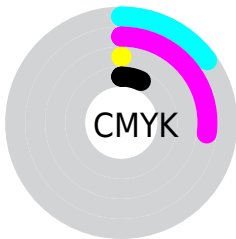
Distribution



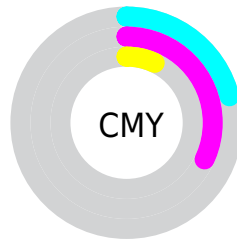
- Red (79%)
- Green (68%)
- Blue (93%)



- Red (79%)
- Yellow (68%)
- Blue (93%)



- Cyan (15%)
- Magenta (27%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (32%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.4191, 0.2869, 0.2557 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 48.4191, 0.2869, 0.2557 by changing the saturation by 10% instead.

■ 48.4191, 0.2869,
0.2557

■ 48.4191, 0.2869,
0.2557

380.4509, 0.3001,
0.2902

■ 34.1589, 0.2836,
0.2478

■ 87.8281, 0.2917,
0.2677

■ 23.0157, 0.2793,
0.2379

113.7456, 0.2936,
0.2724

■ 14.6051, 0.2736,
0.2255

144.3178, 0.2951,
0.2764

■ 8.5427, 0.2657,
0.2092

179.9289, 0.2964,
0.2799

■ 4.4441, 0.2542,
0.1873

220.9634, 0.2975,
0.2829

■ 1.9250, 0.2362,
0.1565

267.8056, 0.2985,

■ 0.5633, 0.2067,

0.2856

0.1055

320.8400, 0.2994,
0.2880

0.0000, 0.0191,
0.0000

0.0000, 0.0000,
0.0000

48.4191, 0.2869,
0.2557

48.4191, 0.2869,
0.2557

38.3578, 0.2747,
0.2254

60.2566, 0.2977,
0.2846

29.9773, 0.2613,
0.1946

73.9472, 0.3070,
0.3115

23.1825, 0.2469,
0.1648

89.5702, 0.3150,
0.3361

17.8658, 0.2322,
0.1374

98.7635, 0.3228,
0.3464

■ 13.9057, 0.2178,
0.1141

■ 98.8952, 0.3232,
0.3463

■ 11.1600, 0.2044,
0.0963

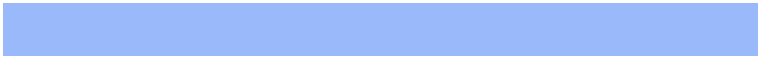
■ 9.4471, 0.1926,
0.0845

■ 9.0503, 0.1894,
0.0817

Harmonies

Analogous

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



48.4191, 0.2472, 0.2500



48.4191, 0.2869, 0.2557



48.4191, 0.3370, 0.2774

Triad

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



48.4191, 0.2869, 0.2557



48.4191, 0.4070, 0.3874



48.4191, 0.2451, 0.3430

Complementary

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



48.4191, 0.2869, 0.2557



77.1416, 0.3334, 0.4012

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.



48.4191, 0.2839, 0.3903



48.4191, 0.2869, 0.2557



48.4191, 0.3779, 0.4139

Square

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



48.4191, 0.2869, 0.2557



48.4191, 0.4097, 0.3499



48.4191, 0.3325, 0.4171



48.4191, 0.2246, 0.2957

Rectangle

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



48.4191, 0.2869, 0.2557



48.4191, 0.3694, 0.2987



48.4191, 0.3325, 0.4171



48.4191, 0.2563, 0.3598

Sweetspot

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



48.4211, 0.2869, 0.2557



85.5588, 0.3061, 0.3089



60.7308, 0.2701, 0.2962



17.7671, 0.3048, 0.3049



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.



48.4211, 0.2869, 0.2557



50.8394, 0.2808, 0.2403



53.2781, 0.3124, 0.2611



14.8718, 0.3048, 0.3051



5.0152, 0.1910, 0.0826



0.4499, 0.2065, 0.0911

Inverse Universe

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



52.4902, 0.3390, 0.2899



56.4279, 0.3455, 0.2822



72.9699, 0.3118, 0.4062



15.1958, 0.3205, 0.3158



10.7833, 0.4696, 0.2361



0.8660, 0.4433, 0.2216

Previews

White Background



This preview shows how the Yxy color 48.4191, 0.2869, 0.2557 looks on a white background.

Color Contrast Check

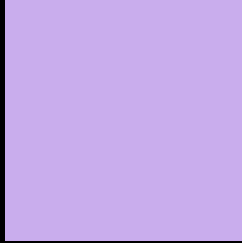
Large Text (above 18pt) WCAG AA × Fail

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 48.4191, 0.2869, 0.2557 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

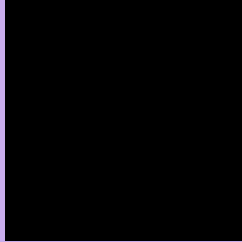
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4191, 0.2869, 0.2557

Background



This preview shows how black text looks on a background with the Yxy color 48.4191, 0.2869, 0.2557.



This preview shows how white text looks on a background with the Yxy color 48.4191, 0.2869, 0.2557.

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

48.4191, 0.2869, 0.2557

Protanopia

48.7235, 0.2593, 0.2557

Deuteranopia

48.8012, 0.2709, 0.2652



Tritanopia

48.4572, 0.3127, 0.3116

Trichromacy



Original Color

48.4191, 0.2869, 0.2557

Protanomaly

48.2944, 0.2689, 0.2556

Deuteranomaly

48.7354, 0.2765, 0.2616

Tritanomaly

48.3642, 0.3036, 0.2903

Monochromacy



Original Color

48.4191, 0.2869, 0.2557

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6607, 0.3033, 0.3009

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4191, 0.2869, 0.2557 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(201, 173, 237)` looks like.

```
.text, #text, p{  
    color:rgb(201, 173, 237)  
}
```

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(201, 173, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 173, 237) }
```

Border

The CSS property to change the border of an element to Yxy 48.4191, 0.2869, 0.2557 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(201, 173, 237) }
```

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

```
.border{ border-color:rgb(201, 173, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 173, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 173, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 173, 237);  
box-shadow:4px 4px 4px 4px rgb(201, 173,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4191, 0.2869, 0.2557 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 173, 237) }
```

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

```
.background{ background-color: rgb(201,  
173, 237) }
```

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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