

Converting Colors

$Y_{xy}(30.8871, 0.3183, 0.2579)$

Have a look what the booklet for
Yxy(30.8871, 0.3183, 0.2579)
contains.

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Color

Yxy(30.9092, 0.3182, 0.2574)

Conversions

Conversions Part 1

Format	Color
Hex	BD84BB
RGB	189, 132, 187
RGB Percent	74%, 52%, 73%
CMY	0.2587, 0.4824, 0.2667
CMYK	0.00, 0.30, 0.01, 0.26
HSL	302°, 30%, 63%
HSV	302°, 30%, 74%
XYZ	38.2102, 30.9092, 50.9630
YIQ	155.3130, 16.3170, 29.1890

Conversions

Conversions Part 2

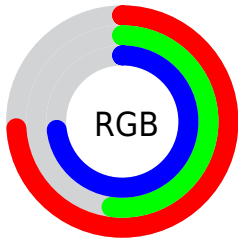
Format	Color
RYB	189, 132, 187
Decimal	12420283
CIELab	62.43, 30.96, -20.06
CIELCh	62, 36.887, 327.058
Yxy	30.9092, 0.3182, 0.2574
Android (android.graphics.Color)	4290610363 (0xFFBD84BB)
YUV	155.3130, 15.6217, 29.5435
Hunter-Lab	55.5960, 25.3869, -15.4318

Details

The Yxy color **30.9092, 0.3182, 0.2574** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **43.0309, 0.3072, 0.4128**, and the grayscale version is **32.8492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.1817, 0.3178, 0.2710**, and **12.7570, 0.3186, 0.2358** is the 20% darker color. If you saturate the color by 10%, you get **26.2117, 0.3202, 0.2344**, and if you desaturate by 10%, it is **36.5383, 0.3163, 0.2813**.

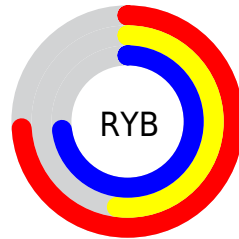
Distribution



Red (74%)

Green (52%)

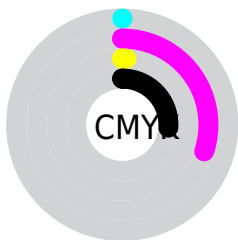
Blue (73%)



Red (74%)

Yellow (52%)

Blue (73%)

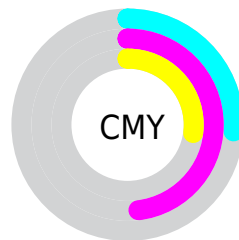


Cyan (0%)

Magenta (30%)

Yellow (1%)

Black (26%)



Cyan (26%)


Magenta (48%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 30.9092, 0.3182, 0.2574 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 30.9092, 0.3182, 0.2574 by changing the saturation by 10% instead.

 30.9092, 0.3182,
0.2574


 30.9092, 0.3182,
0.2574

306.1198, 0.3161,
0.2935

 20.5297, 0.3185,
0.2484


 61.0971, 0.3176,
0.2705

 12.7807, 0.3187,
0.2368


 81.6743, 0.3174,
0.2755

 7.2777, 0.3187,
0.2214


 106.4195, 0.3171,
0.2796

 3.6364, 0.3181,
0.2001

135.7171, 0.3169,
0.2832

 1.4723, 0.3158,
0.1691

169.9516, 0.3167,
0.2863

 0.2691, 0.3209,
0.0844

209.5073, 0.3165,

 0.0000, 0.0000,

0.2890

0.0000

254.7685, 0.3163,
0.2913

■ 30.9092, 0.3182,
0.2574

■ 30.9092, 0.3182,
0.2574

■ 26.2117, 0.3202,
0.2344

■ 36.5383, 0.3163,
0.2813

■ 22.3915, 0.3222,
0.2132

■ 43.1414, 0.3144,
0.3052

■ 19.3950, 0.3241,
0.1947


■ 50.7631, 0.3127,
0.3286


■ 17.1613, 0.3259,
0.1798


■ 59.4441, 0.3112,
0.3509


■ 15.6206, 0.3275,
0.1689


■ 69.2229, 0.3098,
0.3719


 14.6908, 0.3288,
0.1623

 80.1361, 0.3085,
0.3914

 14.2116, 0.3300,
0.1592

 86.1336, 0.3078,
0.4003

 86.1633, 0.3074,
0.3995

 86.1932, 0.3071,
0.3987

Harmonies

Analogous

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



30.9092, 0.2623, 0.2387



30.9092, 0.3182, 0.2574



30.9092, 0.3778, 0.2914

Triad

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



30.9092, 0.3182, 0.2574



30.9092, 0.4051, 0.4191



30.9092, 0.2155, 0.3081

Complementary

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



30.9092, 0.3182, 0.2574



43.0309, 0.3072, 0.4128

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.



30.9092, 0.2476, 0.3682



30.9092, 0.3182, 0.2574



30.9092, 0.3565, 0.4370

Square

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



30.9092, 0.3182, 0.2574



30.9092, 0.4298, 0.3804



30.9092, 0.2987, 0.4193



30.9092, 0.2075, 0.2623

Rectangle

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



30.9092, 0.3182, 0.2574



30.9092, 0.4092, 0.3197



30.9092, 0.2987, 0.4193



30.9092, 0.2236, 0.3274

Sweetspot

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



30.9106, 0.3182, 0.2574



78.5607, 0.3143, 0.3077



25.2364, 0.2619, 0.2425



16.4937, 0.3145, 0.3042



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.



30.9106, 0.3182, 0.2574



49.7707, 0.3195, 0.2425



29.8125, 0.3484, 0.2929



9.6903, 0.3143, 0.3072



9.5622, 0.3299, 0.1591



0.3764, 0.3276, 0.1578

Inverse Universe

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



30.9106, 0.3182, 0.2574



49.7707, 0.3195, 0.2425



43.9323, 0.2874, 0.3684



9.6903, 0.3143, 0.3072



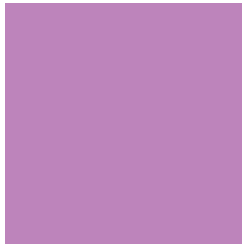
9.5622, 0.3299, 0.1591



0.3764, 0.3276, 0.1578

Previews

White Background



This preview shows how the Yxy color 30.9092, 0.3182, 0.2574 looks on a white background.

Color Contrast Check

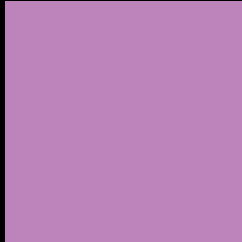
Large Text (above 18pt) WCAG AA × Fail

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 30.9092, 0.3182, 0.2574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

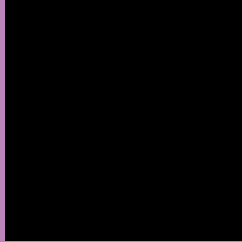
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 30.9092, 0.3182, 0.2574

Background



This preview shows how black text looks on a background with the Yxy color 30.9092, 0.3182, 0.2574.



This preview shows how white text looks on a background with the Yxy color 30.9092, 0.3182, 0.2574.

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

30.9092, 0.3182, 0.2574

Protanopia

31.0683, 0.2601, 0.2553

Deuteranopia

31.1245, 0.2825, 0.2764



Tritanopia

30.8576, 0.3508, 0.3137

Trichromacy



Original Color

30.9092, 0.3182, 0.2574

Protanomaly

30.7532, 0.2795, 0.2560

Deuteranomaly

30.7413, 0.2946, 0.2684

Tritanomaly

30.6918, 0.3395, 0.2922

Monochromacy



Original Color

30.9092, 0.3182, 0.2574

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

31.8729, 0.3141, 0.3002

CSS Examples

Text

The CSS property to change the color of the text to Yxy 30.9092, 0.3182, 0.2574 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(189, 132, 187)` looks like.

```
.text, #text, p{  
    color:rgb(189, 132, 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(189, 132, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 132, 187) }
```

Border

The CSS property to change the border of an element to Yxy 30.9092, 0.3182, 0.2574 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(189, 132, 187) }
```

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

```
.border{ border-color:rgb(189, 132, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 132, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 132, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 132, 187);  
box-shadow:4px 4px 4px 4px rgb(189, 132,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 30.9092, 0.3182, 0.2574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 132, 187) }
```

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

```
.background{ background-color: rgb(189,  
132, 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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