

Converting Colors

Yxy(35.2658, 0.2971, 0.2491)

Have a look what the booklet for
Yxy(35.2658, 0.2971, 0.2491)
contains.

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Color

Yxy(35.1920, 0.2974, 0.2486)

Conversions

Conversions Part 1

Format	Color
Hex	BC90D0
RGB	188, 144, 208
RGB Percent	74%, 56%, 82%
CMY	0.2627, 0.4353, 0.1842
CMYK	0.10, 0.31, 0.00, 0.18
HSL	281°, 41%, 69%
HSV	281°, 31%, 82%
XYZ	42.1002, 35.1920, 64.2686
YIQ	164.4520, 5.6800, 29.2320

Conversions

Conversions Part 2

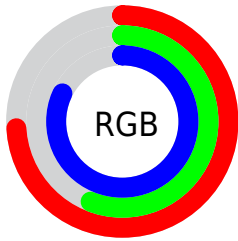
Format	Color
R_{YB}	188, 144, 208
Decimal	12357840
CIE _{Lab}	65.90, 28.13, -26.56
CIE _{LCh}	66, 38.693, 316.642
Yxy	35.1920, 0.2974, 0.2486
Android (android.graphics.Color)	4290547920 (0xFFBC90D0)
YUV	164.4520, 21.4692, 20.6516
Hunter-Lab	59.3228, 22.8627, -22.7070

Details

The Yxy color **35.1920, 0.2974, 0.2486** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **55.0371, 0.3234, 0.4148**, and the grayscale version is **37.2457, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0206, 0.3080, 0.2719**, and **15.1969, 0.2921, 0.2277** is the 20% darker color. If you saturate the color by 10%, you get **28.6537, 0.2907, 0.2212**, and if you desaturate by 10%, it is **42.9317, 0.3032, 0.2759**.

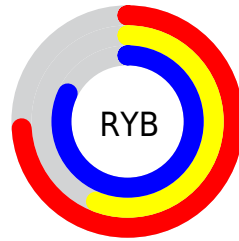
Distribution



Red (74%)

Green (56%)

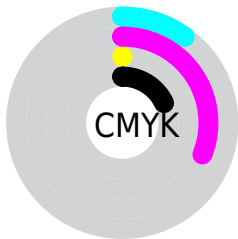
Blue (82%)



Red (74%)

Yellow (56%)

Blue (82%)

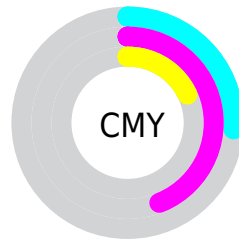


Cyan (10%)

Magenta (31%)

Yellow (0%)

Black (18%)



Cyan (26%)


Magenta (44%)


Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.1920, 0.2974, 0.2486 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 35.1920, 0.2974, 0.2486 by changing the saturation by 10% instead.


 35.1920, 0.2974,
0.2486


 35.1920, 0.2974,
0.2486


325.4150, 0.3062,
0.2881

 23.8108, 0.2949,
0.2391


 67.7831, 0.3008,
0.2627

 15.1933, 0.2915,
0.2270


 89.7618, 0.3021,
0.2681

 8.9552, 0.2866,
0.2114


116.0418, 0.3031,
0.2727

 4.7120, 0.2793,
0.1904

147.0075, 0.3039,
0.2766

 2.0793, 0.2674,
0.1610

183.0432, 0.3046,
0.2800

 0.6529, 0.2465,
0.1151

224.5335, 0.3052,


 0.0000, 0.1523,


0.2830


0.0000


271.8626, 0.3057,
0.2857


 0.0000, 0.0000,
0.0000


 35.1920, 0.2974,
0.2486


 35.1920, 0.2974,
0.2486


 28.6537, 0.2907,
0.2212


 42.9317, 0.3032,
0.2759


 23.2479, 0.2833,
0.1945


 51.9276, 0.3082,
0.3022


 18.9056, 0.2753,
0.1699


 62.2369, 0.3124,
0.3271


 15.5483, 0.2668,
0.1485

 73.9115, 0.3159,
0.3503

 13.0861, 0.2583,
0.1313


 87.0007, 0.3187,
0.3715

 11.4123, 0.2500,
0.1188

 92.4146, 0.3223,
0.3778

 10.3907, 0.2426,
0.1110

 93.4934, 0.3265,
0.3771

 94.6126, 0.3307,
0.3765

 95.7726, 0.3350,
0.3759

Harmonies

Analogous

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



35.1920, 0.2463, 0.2362



35.1920, 0.2974, 0.2486



35.1920, 0.3581, 0.2780

Triad

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



35.1920, 0.2974, 0.2486



35.1920, 0.4175, 0.4075



35.1920, 0.2236, 0.3282

Complementary

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



35.1920, 0.2974, 0.2486



55.0371, 0.3234, 0.4148

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.



35.1920, 0.2634, 0.3887



35.1920, 0.2974, 0.2486



35.1920, 0.3755, 0.4347

Square

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



35.1920, 0.2974, 0.2486



35.1920, 0.4311, 0.3649



35.1920, 0.3189, 0.4304



35.1920, 0.2071, 0.2755

Rectangle

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



35.1920, 0.2974, 0.2486



35.1920, 0.3946, 0.3045



35.1920, 0.3189, 0.4304



35.1920, 0.2345, 0.3486

Sweetspot

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



35.1935, 0.2974, 0.2486



84.8849, 0.3090, 0.3065



37.1351, 0.2619, 0.2685



17.6811, 0.3083, 0.3028



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.



35.1935, 0.2974, 0.2486



48.6727, 0.2931, 0.2303



37.3600, 0.3273, 0.2658



11.8158, 0.3088, 0.3057



6.5272, 0.2437, 0.1116



0.4061, 0.2583, 0.1196

Inverse Universe

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



36.0426, 0.3601, 0.3039



50.3526, 0.3747, 0.2983



53.4482, 0.3010, 0.4018



11.8683, 0.3242, 0.3218



8.6117, 0.5699, 0.2913



0.4958, 0.5172, 0.2623

Previews

White Background



This preview shows how the Yxy color 35.1920, 0.2974, 0.2486 looks on a white background.

Color Contrast Check

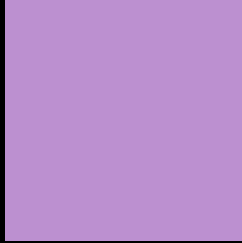
Large Text (above 18pt) WCAG AA × Fail

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 35.1920, 0.2974, 0.2486 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

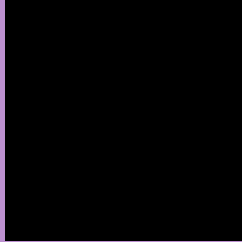
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.1920, 0.2974, 0.2486

Background



This preview shows how black text looks on a background with the Yxy color 35.1920, 0.2974, 0.2486.



This preview shows how white text looks on a background with the Yxy color 35.1920, 0.2974, 0.2486.

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

35.1920, 0.2974, 0.2486

Protanopia

35.4078, 0.2529, 0.2464

Deuteranopia

35.1971, 0.2691, 0.2629



Tritanopia

35.2866, 0.3305, 0.3139

Trichromacy



Original Color

35.1920, 0.2974, 0.2486

Protanomaly

35.0597, 0.2672, 0.2468

Deuteranomaly

34.9120, 0.2787, 0.2568

Tritanomaly

35.2983, 0.3186, 0.2890

Monochromacy



Original Color

35.1920, 0.2974, 0.2486

Achromatopsia

37.1238, 0.3127, 0.3290

Achromatomaly

36.2935, 0.3075, 0.2974

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.1920, 0.2974, 0.2486 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(188, 144, 208)` looks like.

```
.text, #text, p{  
    color:rgb(188, 144, 208)  
}
```

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(188, 144, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 144, 208) }
```

Border

The CSS property to change the border of an element to Yxy 35.1920, 0.2974, 0.2486 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(188, 144, 208) }
```

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

```
.border{ border-color:rgb(188, 144, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 144, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 144, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 144, 208);  
box-shadow:4px 4px 4px 4px rgb(188, 144,  
208) }
```


Background

The CSS property to change the background color of an element to Yxy 35.1920, 0.2974, 0.2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 144, 208) }
```

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

```
.background{ background-color: rgb(188,  
144, 208) }
```

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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