

Converting Colors

$Y_{xy}(24.9859, 0.3042, 0.2138)$

Have a look what the booklet for
Yxy(24.9859, 0.3042, 0.2138)
contains.

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Color

Yxy(24.9069, 0.3038, 0.2134)

Conversions

Conversions Part 1

Format	Color
Hex	B96BC6
RGB	185, 107, 198
RGB Percent	73%, 42%, 78%
CMY	0.2745, 0.5804, 0.2236
CMYK	0.07, 0.46, 0.00, 0.22
HSL	291°, 44%, 60%
HSV	291°, 46%, 78%
XYZ	35.4579, 24.9069, 56.3498
YIQ	140.6960, 17.2770, 44.8370

Conversions

Conversions Part 2

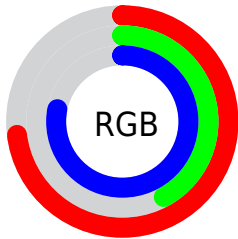
Format	Color
RYB	185, 107, 198
Decimal	12151750
CIELab	56.98, 45.35, -34.74
CIELCh	57, 57.126, 322.548
Yxy	24.9069, 0.3038, 0.2134
Android (android.graphics.Color)	4290341830 (0xFFB96BC6)
YUV	140.6960, 28.2509, 38.8546
Hunter-Lab	49.9068, 39.4841, -32.0096

Details

The Yxy color **24.9069, 0.3038, 0.2134** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **45.4295, 0.3150, 0.4680**, and the grayscale version is **26.3941, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4163, 0.3072, 0.2337**, and **9.5878, 0.2973, 0.1821** is the 20% darker color. If you saturate the color by 10%, you get **20.8942, 0.3008, 0.1907**, and if you desaturate by 10%, it is **29.8737, 0.3064, 0.2381**.

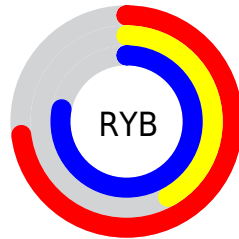
Distribution



Red (73%)

Green (42%)

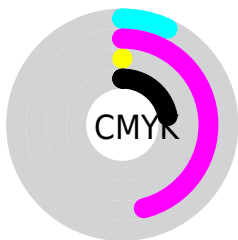
Blue (78%)



Red (73%)

Yellow (42%)

Blue (78%)

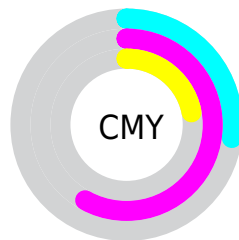


Cyan (7%)

Magenta (46%)

Yellow (0%)

Black (22%)



Cyan (27%)

Magenta (58%)


Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.9069, 0.3038, 0.2134 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 24.9069, 0.3038, 0.2134 by changing the saturation by 10% instead.


 24.9069, 0.3038,
0.2134


 24.9069, 0.3038,
0.2134


277.3740, 0.3106,
0.2709


 16.0077, 0.3013,
0.1994


 51.5061, 0.3069,
0.2341


 9.5296, 0.2976,
0.1818


 69.9750, 0.3079,
0.2419

 5.0882, 0.2918,
0.1592


 92.4025, 0.3086,
0.2486

 2.2991, 0.2821,
0.1293

 119.1731, 0.3092,
0.2543

 0.7732, 0.2644,
0.0893

150.6711, 0.3097,
0.2593

 0.0000, 0.2374,
0.0000

187.2810, 0.3101,

 0.0000, 0.0000,

0.2636

0.0000

229.3872, 0.3104,
0.2675

■ 24.9069, 0.3038,
0.2134

■ 24.9069, 0.3038,
0.2134

■ 20.8942, 0.3008,
0.1907

■ 29.8737, 0.3064,
0.2381

■ 17.7669, 0.2974,
0.1710

■ 35.8505, 0.3087,
0.2637

■ 15.4524, 0.2939,
0.1552


■ 42.8929, 0.3105,
0.2895

■ 13.8651, 0.2902,
0.1437


■ 51.0512, 0.3120,
0.3146

■ 12.8974, 0.2865,
0.1366


■ 60.3728, 0.3131,
0.3385

 12.5958, 0.2850,
0.1344

 70.9022, 0.3140,
0.3610

 82.6815, 0.3146,
0.3817

 88.9455, 0.3157,
0.3908

 89.3570, 0.3175,
0.3905

Harmonies

Analogous

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



24.9069, 0.2205, 0.1895



24.9069, 0.3038, 0.2134



24.9069, 0.4052, 0.2594

Triad

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



24.9069, 0.3038, 0.2134



24.9069, 0.4632, 0.4545



24.9069, 0.1655, 0.3021

Complementary

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



24.9069, 0.3038, 0.2134



45.4295, 0.3150, 0.4680

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.



24.9069, 0.2155, 0.4113



24.9069, 0.3038, 0.2134



24.9069, 0.3868, 0.5054

Square

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



24.9069, 0.3038, 0.2134



24.9069, 0.5032, 0.3867



24.9069, 0.2966, 0.4978



24.9069, 0.1517, 0.2267

Rectangle

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



24.9069, 0.3038, 0.2134



24.9069, 0.4632, 0.2987



24.9069, 0.2966, 0.4978



24.9069, 0.1780, 0.3363

Sweetspot

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



24.9080, 0.3038, 0.2134



78.3476, 0.3108, 0.2939



20.7918, 0.2304, 0.2078



16.1332, 0.3105, 0.2883



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.



24.9080, 0.3038, 0.2134



37.0890, 0.3008, 0.1910



25.2767, 0.3548, 0.2531



10.7371, 0.3115, 0.3061



8.2220, 0.2855, 0.1346



0.4109, 0.2933, 0.1390

Inverse Universe

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



23.8739, 0.4174, 0.3121



35.2064, 0.4543, 0.3094



45.3627, 0.2868, 0.4210



10.6612, 0.3267, 0.3257



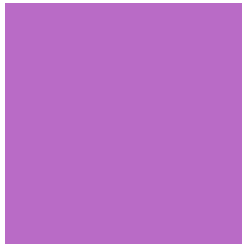
7.8706, 0.6193, 0.3185



0.3808, 0.5704, 0.2916

Previews

White Background



This preview shows how the Yxy color 24.9069, 0.3038, 0.2134 looks on a white background.

Color Contrast Check

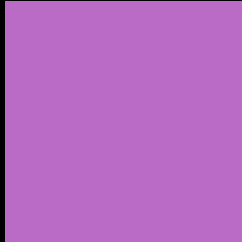
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.9069, 0.3038, 0.2134 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

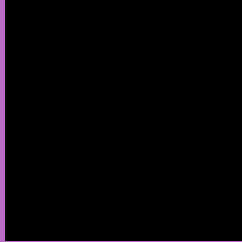
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9069, 0.3038, 0.2134

Background



This preview shows how black text looks on a background with the Yxy color 24.9069, 0.3038, 0.2134.



This preview shows how white text looks on a background with the Yxy color 24.9069, 0.3038, 0.2134.

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

24.9069, 0.3038, 0.2134

Protanopia

25.1542, 0.2188, 0.2026

Deuteranopia

25.3101, 0.2462, 0.2406



Tritanopia

24.8151, 0.3678, 0.3144

Trichromacy



Original Color

24.9069, 0.3038, 0.2134



Protanomaly

24.2059, 0.2424, 0.2031



Deuteranomaly

24.3581, 0.2635, 0.2265



Tritanomaly

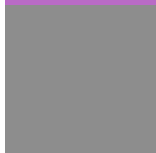
24.7066, 0.3430, 0.2738

Monochromacy



Original Color

24.9069, 0.3038, 0.2134



Achromatopsia

26.6356, 0.3127, 0.3290



Achromatomaly

25.4772, 0.3095, 0.2789

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9069, 0.3038, 0.2134 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(185, 107, 198)` looks like.

```
.text, #text, p{  
    color:rgb(185, 107, 198)  
}
```

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(185, 107, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 107, 198) }
```

Border

The CSS property to change the border of an element to Yxy 24.9069, 0.3038, 0.2134 is called "border". The border property can be set on classes, ids or directly on the HTML element.

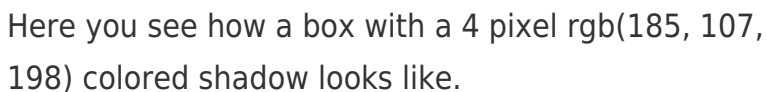
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 107, 198) }
```

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

```
.border{ border-color:rgb(185, 107, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(185, 107, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 107, 198); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 107, 198); box-shadow:4px 4px 4px 4px rgb(185, 107, 198) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9069, 0.3038, 0.2134 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 107, 198) }
```

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

```
.background{ background-color: rgb(185,  
107, 198) }
```

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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