

Converting Colors

Yxy(38.1674, 0.3105, 0.2545)

Have a look what the booklet for
Yxy(38.1674, 0.3105, 0.2545)
contains.

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Color

Yxy(38.1674, 0.3105, 0.2545)

Conversions

Conversions Part 1

Format	Color
Hex	CB93D1
RGB	203, 147, 209
RGB Percent	80%, 58%, 82%
CMY	0.2040, 0.4235, 0.1804
CMYK	0.03, 0.30, 0.00, 0.18
HSL	294°, 40%, 70%
HSV	294°, 30%, 82%
XYZ	46.5657, 38.1674, 65.2370
YIQ	170.8120, 13.4740, 31.1540

Conversions

Conversions Part 2

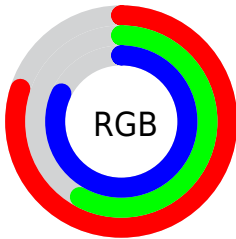
Format	Color
R_{YB}	203, 147, 209
Decimal	13341649
CIE _{Lab}	68.14, 31.48, -23.53
CIE _{LCh}	68, 39.301, 323.220
Yxy	38.1674, 0.3105, 0.2545
Android (android.graphics.Color)	4291531729 (0xFFFCB93D1)
YUV	170.8120, 18.8267, 28.2289
Hunter-Lab	61.7798, 26.4275, -19.3621

Details

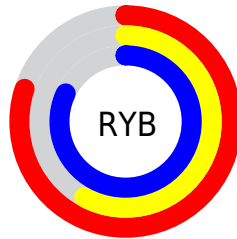
The Yxy color **38.1674, 0.3105, 0.2545** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **54.4874, 0.3130, 0.4139**, and the grayscale version is **40.5248, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7211, 0.3151, 0.2772**, and **16.8134, 0.3092, 0.2348** is the 20% darker color. If you saturate the color by 10%, you get **31.9643, 0.3092, 0.2296**, and if you desaturate by 10%, it is **45.5585, 0.3115, 0.2800**.

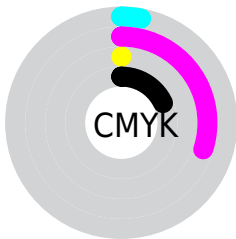
Distribution



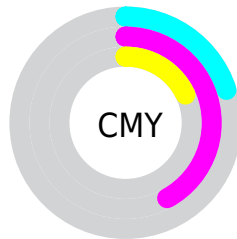
- Red (80%)
- Green (58%)
- Blue (82%)



- Red (80%)
- Yellow (58%)
- Blue (82%)



- Cyan (3%)
- Magenta (30%)
- Yellow (0%)
- Black (18%)





- Cyan (20%)
- Magenta (42%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1674, 0.3105, 0.2545 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 38.1674, 0.3105, 0.2545 by changing the saturation by 10% instead.


 38.1674, 0.3105,
0.2545


 38.1674, 0.3105,
0.2545


338.3375, 0.3125,
0.2907

 26.1126, 0.3097,
0.2459


 72.3646, 0.3114,
0.2674

 16.9079, 0.3086,
0.2350


 95.2759, 0.3117,
0.2723

 10.1689, 0.3069,
0.2209


122.5748, 0.3119,
0.2765

 5.5111, 0.3041,
0.2021

154.6457, 0.3121,
0.2801

 2.5501, 0.2990,
0.1759

191.8731, 0.3122,
0.2832

 0.9017, 0.2886,
0.1374


234.6412, 0.3123,


 0.0000, 0.2768,


0.2860


0.0000


283.3346, 0.3124,
0.2885


 0.0000, 0.0000,
0.0000


 38.1674, 0.3105,
0.2545


 38.1674, 0.3105,
0.2545


 31.9643, 0.3092,
0.2296


 45.5585, 0.3115,
0.2800


 26.8801, 0.3076,
0.2062

 54.1917, 0.3122,
0.3054


 22.8465, 0.3058,
0.1853

 64.1239, 0.3127,
0.3298

 19.7855, 0.3036,
0.1679

 75.4070, 0.3130,
0.3530

 17.6083, 0.3013,
0.1547

 88.0900, 0.3132,
0.3746

■ 16.2097, 0.2989,
0.1459

■ 90.5973, 0.3142,
0.3778

■ 15.4046, 0.2964,
0.1408

■ 90.9074, 0.3155,
0.3776

■ 15.3803, 0.2963,
0.1406

■ 91.2213, 0.3168,
0.3775

■ 91.5391, 0.3181,
0.3773

Harmonies

Analogous

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



38.1674, 0.2566, 0.2382



38.1674, 0.3105, 0.2545



38.1674, 0.3702, 0.2867

Triad

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



38.1674, 0.3105, 0.2545



38.1674, 0.4093, 0.4145



38.1674, 0.2189, 0.3154

Complementary

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



38.1674, 0.3105, 0.2545



54.4874, 0.3130, 0.4139

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.



38.1674, 0.2536, 0.3755



38.1674, 0.3105, 0.2545



38.1674, 0.3633, 0.4357

Square

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



38.1674, 0.3105, 0.2545



38.1674, 0.4298, 0.3745



38.1674, 0.3062, 0.4230



38.1674, 0.2078, 0.2674

Rectangle

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



38.1674, 0.3105, 0.2545



38.1674, 0.4034, 0.3142



38.1674, 0.3062, 0.4230



38.1674, 0.2280, 0.3351

Sweetspot

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



38.1691, 0.3105, 0.2545



85.8003, 0.3123, 0.3067



33.6613, 0.2617, 0.2519



17.9078, 0.3122, 0.3031



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.



38.1691, 0.3105, 0.2545



53.0906, 0.3097, 0.2375



37.8981, 0.3396, 0.2835



11.9482, 0.3122, 0.3060



9.5065, 0.2967, 0.1408



0.5489, 0.3014, 0.1434

Inverse Universe

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



36.7301, 0.3720, 0.3216



50.5091, 0.3915, 0.3198



54.7793, 0.2928, 0.3796



11.8267, 0.3275, 0.3268



8.3963, 0.6280, 0.3233



0.4760, 0.5946, 0.3049

Previews

White Background



This preview shows how the Yxy color 38.1674, 0.3105, 0.2545 looks on a white background.

Color Contrast Check

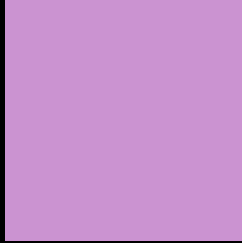
Large Text (above 18pt) WCAG AA × Fail

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 38.1674, 0.3105, 0.2545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

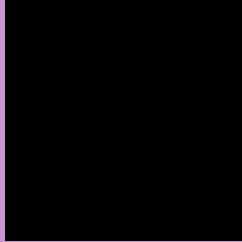
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1674, 0.3105, 0.2545

Background



This preview shows how black text looks on a background with the Yxy color 38.1674, 0.3105, 0.2545.



This preview shows how white text looks on a background with the Yxy color 38.1674, 0.3105, 0.2545.

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

38.1674, 0.3105, 0.2545

Protanopia

38.3089, 0.2572, 0.2524

Deuteranopia

38.3320, 0.2772, 0.2715



Tritanopia

38.1030, 0.3433, 0.3135

Trichromacy



Original Color

38.1674, 0.3105, 0.2545

Protanomaly

37.8985, 0.2744, 0.2530

Deuteranomaly

37.9660, 0.2887, 0.2644

Tritanomaly

37.9760, 0.3312, 0.2910

Monochromacy



Original Color

38.1674, 0.3105, 0.2545

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.4107, 0.3123, 0.2987

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1674, 0.3105, 0.2545 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(203, 147, 209)` looks like.

```
.text, #text, p{  
    color:rgb(203, 147, 209)  
}
```

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(203, 147, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 147, 209) }
```

Border

The CSS property to change the border of an element to Yxy 38.1674, 0.3105, 0.2545 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(203, 147, 209) }
```

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

```
.border{ border-color:rgb(203, 147, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 147, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 147, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 147, 209);  
box-shadow:4px 4px 4px 4px rgb(203, 147,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1674, 0.3105, 0.2545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 147, 209) }
```

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

```
.background{ background-color: rgb(203,  
147, 209) }
```

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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