

Converting Colors

$Y_{xy}(41.2605, 0.2927, 0.2905)$

Have a look what the booklet for
Yxy(41.2605, 0.2927, 0.2905)
contains.

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Color

Yxy(41.3374, 0.2927, 0.2908)

Conversions

Conversions Part 1

Format	Color
Hex	ADA9C6
RGB	173, 169, 198
RGB Percent	68%, 66%, 78%
CMY	0.3217, 0.3372, 0.2236
CMYK	0.13, 0.15, 0.00, 0.22
HSL	248°, 20%, 72%
HSV	248°, 15%, 78%
XYZ	41.6075, 41.3374, 59.2057
YIQ	173.5020, -6.9250, 9.8670

Conversions

Conversions Part 2

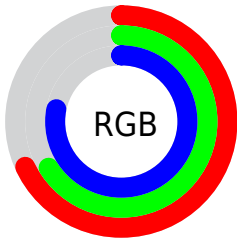
Format	Color
RYB	173, 169, 198
Decimal	11381190
CIELab	70.41, 7.18, -14.26
CIELCh	70, 15.964, 296.744
Yxy	41.3374, 0.2927, 0.2908
Android (android.graphics.Color)	4289571270 (0xFFADA9C6)
YUV	173.5020, 12.0775, -0.4403
Hunter-Lab	64.2942, 3.0001, -9.5917

Details

The Yxy color **41.3374, 0.2927, 0.2908** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **54.7241, 0.3311, 0.3652**, and the grayscale version is **41.9970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1893, 0.2966, 0.2973**, and **18.7293, 0.2863, 0.2801** is the 20% darker color. If you saturate the color by 10%, you get **32.6949, 0.2767, 0.2610**, and if you desaturate by 10%, it is **51.3484, 0.3068, 0.3176**.

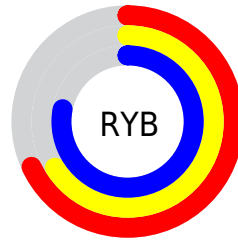
Distribution



Red (68%)

Green (66%)

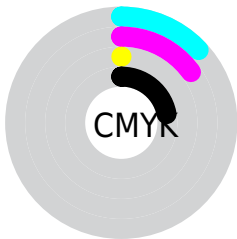
Blue (78%)



Red (68%)

Yellow (66%)

Blue (78%)

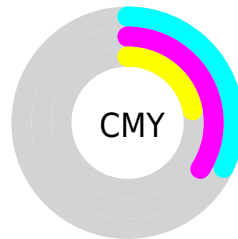


Cyan (13%)

Magenta (15%)

Yellow (0%)

Black (22%)



Cyan (32%)

Magenta (34%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.3374, 0.2927, 0.2908 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 41.3374, 0.2927, 0.2908 by changing the saturation by 10% instead.

■ 41.3374, 0.2927,
0.2908

■ 41.3374, 0.2927,
0.2908

■ 351.7288, 0.3030,
0.3099

■ 28.5828, 0.2901,
0.2860

■ 77.1958, 0.2965,
0.2977

■ 18.7655, 0.2866,
0.2799

■ 101.0684, 0.2979,
0.3003

■ 11.5009, 0.2820,
0.2719

■ 129.4159, 0.2991,
0.3025

■ 6.4048, 0.2754,
0.2606

■ 162.6225, 0.3001,
0.3044

■ 3.0928, 0.2652,
0.2440

■ 201.0727, 0.3010,
0.3061

■ 1.1804, 0.2479,
0.2171

■ 245.1509, 0.3017,

■ 0.0456, 0.1666,

0.3075

0.0347

295.2415, 0.3024,
0.3088

0.0000, 0.0000,
0.0000

41.3374, 0.2927,
0.2908

41.3374, 0.2927,
0.2908

32.6949, 0.2767,
0.2610

51.3484, 0.3068,
0.3176

25.3563, 0.2589,
0.2287

62.7785, 0.3191,
0.3414

19.2595, 0.2398,
0.1948

75.6819, 0.3296,
0.3622

14.3354, 0.2201,
0.1609

90.1087, 0.3386,
0.3803

10.5081, 0.2008,
0.1290

96.8568, 0.3466,
0.3850

■ 7.6924, 0.1834,
0.1015

■ 5.7907, 0.1691,
0.0806

■ 4.6854, 0.1589,
0.0674

■ 4.3095, 0.1551,
0.0628

Harmonies

Analogous

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



41.3374, 0.2758, 0.2924



41.3374, 0.2927, 0.2908



41.3374, 0.3155, 0.2986

Triad

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



41.3374, 0.2927, 0.2908



41.3374, 0.3587, 0.3520



41.3374, 0.2872, 0.3445

Complementary

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



41.3374, 0.2927, 0.2908



54.7241, 0.3311, 0.3652

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.



41.3374, 0.3087, 0.3623



41.3374, 0.2927, 0.2908



41.3374, 0.3503, 0.3659

Square

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



41.3374, 0.2927, 0.2908



41.3374, 0.3543, 0.3330



41.3374, 0.3318, 0.3701



41.3374, 0.2728, 0.3226

Rectangle

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



41.3374, 0.2927, 0.2908



41.3374, 0.3311, 0.3081



41.3374, 0.3318, 0.3701



41.3374, 0.2938, 0.3513

Sweetspot

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



41.3391, 0.2927, 0.2908



92.0310, 0.3076, 0.3191



51.1540, 0.2905, 0.3239



19.3876, 0.3066, 0.3171



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.



41.3391, 0.2927, 0.2908



67.3707, 0.2871, 0.2803



43.0701, 0.3051, 0.2922



10.3556, 0.3003, 0.3053



2.8248, 0.1558, 0.0632



0.1569, 0.1713, 0.0717

Inverse Universe

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



44.2836, 0.3177, 0.2980



73.7337, 0.3191, 0.2900



52.9093, 0.3194, 0.3666



10.7908, 0.3158, 0.3093



9.7297, 0.3582, 0.1747



0.4678, 0.3493, 0.1698

Previews

White Background



This preview shows how the Yxy color 41.3374, 0.2927, 0.2908 looks on a white background.

Color Contrast Check

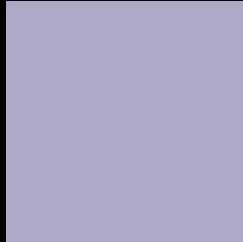
Large Text (above 18pt) WCAG AA × Fail

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 41.3374, 0.2927, 0.2908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

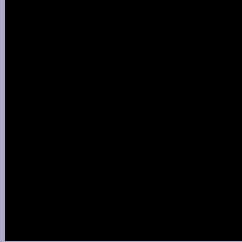
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

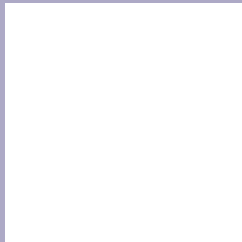
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.3374, 0.2927, 0.2908

Background



This preview shows how black text looks on a background with the Yxy color 41.3374, 0.2927, 0.2908.



This preview shows how white text looks on a background with the Yxy color 41.3374, 0.2927, 0.2908.

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

41.3374, 0.2927, 0.2908

Protanopia

41.4648, 0.2871, 0.2917

Deuteranopia

41.3126, 0.2952, 0.2897



Tritanopia

41.2865, 0.3013, 0.3101

Trichromacy



Original Color

41.3374, 0.2927, 0.2908

Protanomaly

41.3080, 0.2887, 0.2905

Deuteranomaly

41.1964, 0.2944, 0.2896

Tritanomaly

41.2378, 0.2981, 0.3022

Monochromacy



Original Color

41.3374, 0.2927, 0.2908

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.9226, 0.3055, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3374, 0.2927, 0.2908 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(173, 169, 198)` looks like.

```
.text, #text, p{  
    color:rgb(173, 169, 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(173, 169, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 169, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.3374, 0.2927, 0.2908 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(173, 169, 198) }
```

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

```
.border{ border-color:rgb(173, 169, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 169, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 169, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 169, 198);  
box-shadow:4px 4px 4px 4px rgb(173, 169,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3374, 0.2927, 0.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 169, 198) }
```

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

```
.background{ background-color: rgb(173,  
169, 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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