

Converting Colors

$Yxy(39.7339, 0.2965, 0.2943)$

Have a look what the booklet for
Yxy(39.7339, 0.2965, 0.2943)
contains.

Yxy(39.8489, 0.2965, 0.2942)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.8489, 0.2965, 0.2942)

Conversions

Conversions Part 1

Format	Color
Hex	ACA6C0
RGB	172, 166, 192
RGB Percent	67%, 65%, 75%
CMY	0.3255, 0.3490, 0.2471
CMYK	0.10, 0.14, 0.00, 0.25
HSL	254°, 17%, 70%
HSV	254°, 14%, 75%
XYZ	40.1604, 39.8489, 55.4390
YIQ	170.7580, -4.7700, 9.3580

Conversions

Conversions Part 2

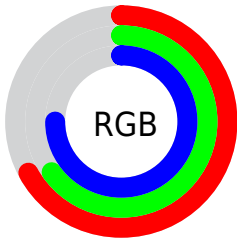
Format	Color
R_{YB}	172, 166, 192
Decimal	11314880
CIE Lab	69.36, 7.26, -12.53
CIE LCh	69, 14.478, 300.078
Yxy	39.8489, 0.2965, 0.2942
Android (android.graphics.Color)	4289504960 (0xFFACA6C0)
YUV	170.7580, 10.4723, 1.0892
Hunter-Lab	63.1260, 3.0903, -7.8819

Details

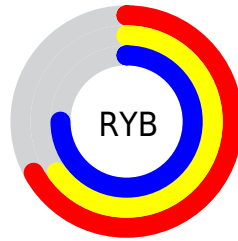
The Yxy color **39.8489, 0.2965, 0.2942** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **50.8908, 0.3276, 0.3626**, and the grayscale version is **40.5450, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8211, 0.2996, 0.3009**, and **17.8918, 0.2914, 0.2830** is the 20% darker color. If you saturate the color by 10%, you get **31.8025, 0.2825, 0.2653**, and if you desaturate by 10%, it is **49.1268, 0.3088, 0.3204**.

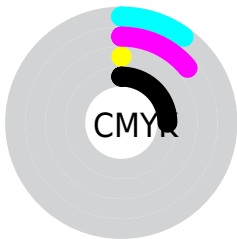
Distribution



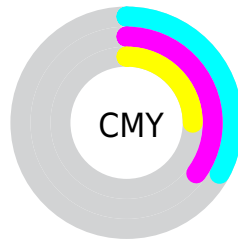
- Red (67%)
- Green (65%)
- Blue (75%)



- Red (67%)
- Yellow (65%)
- Blue (75%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (25%)



- Cyan (33%)
- Magenta (35%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8489, 0.2965, 0.2942 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 39.8489, 0.2965, 0.2942 by changing the saturation by 10% instead.

■ 39.8489, 0.2965,
0.2942

■ 39.8489, 0.2965,
0.2942

■ 345.4863, 0.3049,
0.3117

■ 27.4208, 0.2943,
0.2898

■ 74.9334, 0.2996,
0.3006

■ 17.8895, 0.2915,
0.2841

■ 98.3585, 0.3008,
0.3030

■ 10.8707, 0.2876,
0.2765

■ 126.2180, 0.3017,
0.3050

■ 5.9799, 0.2819,
0.2659

■ 158.8964, 0.3026,
0.3067

■ 2.8329, 0.2732,
0.2500

■ 196.7781, 0.3033,
0.3082

■ 1.0451, 0.2578,
0.2237

■ 240.2473, 0.3039,

■ 0.0000, 0.1210,

0.3095

0.0000

289.6886, 0.3044,
0.3107

0.0000, 0.0000,
0.0000

39.8489, 0.2965,
0.2942

39.8489, 0.2965,
0.2942

31.8025, 0.2825,
0.2653

49.1268, 0.3088,
0.3204

24.9304, 0.2667,
0.2340

59.6801, 0.3194,
0.3438

19.1785, 0.2495,
0.2013

71.5567, 0.3285,
0.3645

14.4864, 0.2313,
0.1685

84.8005, 0.3362,
0.3827

10.7877, 0.2131,
0.1372

94.9013, 0.3441,
0.3922

■ 8.0087, 0.1958,
0.1098

■ 96.5854, 0.3502,
0.3910

■ 6.0647, 0.1806,
0.0880

■ 4.8549, 0.1685,
0.0733

■ 4.3442, 0.1623,
0.0668

Harmonies

Analogous

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



39.8489, 0.2801, 0.2947



39.8489, 0.2965, 0.2942



39.8489, 0.3177, 0.3023

Triad

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



39.8489, 0.2965, 0.2942



39.8489, 0.3547, 0.3520



39.8489, 0.2874, 0.3411

Complementary

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



39.8489, 0.2965, 0.2942



50.8908, 0.3276, 0.3626

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.



39.8489, 0.3067, 0.3581



39.8489, 0.2965, 0.2942



39.8489, 0.3458, 0.3638

Square

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



39.8489, 0.2965, 0.2942



39.8489, 0.3519, 0.3348



39.8489, 0.3281, 0.3664



39.8489, 0.2750, 0.3211

Rectangle

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



39.8489, 0.2965, 0.2942



39.8489, 0.3318, 0.3115



39.8489, 0.3281, 0.3664



39.8489, 0.2933, 0.3474

Sweetspot

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



39.8506, 0.2965, 0.2942



88.0726, 0.3082, 0.3191



47.1844, 0.2921, 0.3215



18.6054, 0.3073, 0.3172



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.8506, 0.2965, 0.2942



68.0248, 0.2929, 0.2866



41.3500, 0.3077, 0.2954



9.8572, 0.3018, 0.3054



2.9531, 0.1633, 0.0673



0.1598, 0.1867, 0.0802

Inverse Universe

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



42.0276, 0.3194, 0.3034



72.6905, 0.3209, 0.2981



49.3761, 0.3171, 0.3637



10.2066, 0.3172, 0.3114



8.9886, 0.3884, 0.1913



0.3983, 0.3704, 0.1814

Previews

White Background



This preview shows how the Yxy color 39.8489, 0.2965, 0.2942 looks on a white background.

Color Contrast Check

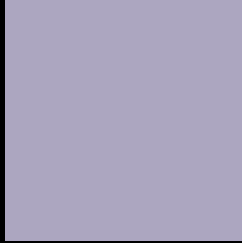
Large Text (above 18pt) WCAG AA × Fail

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 39.8489, 0.2965, 0.2942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

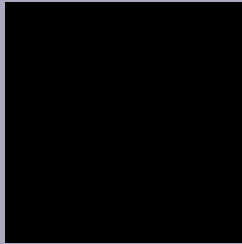
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

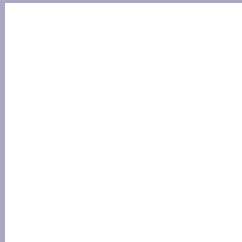
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 39.8489, 0.2965, 0.2942

Background



This preview shows how black text looks on a background with the Yxy color 39.8489, 0.2965, 0.2942.



This preview shows how white text looks on a background with the Yxy color 39.8489, 0.2965, 0.2942.

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

39.8489, 0.2965, 0.2942

Protanopia

39.8549, 0.2898, 0.2950

Deuteranopia

39.8300, 0.2991, 0.2931



Tritanopia

39.8875, 0.3037, 0.3112

Trichromacy



Original Color

39.8489, 0.2965, 0.2942

Protanomaly

39.8125, 0.2923, 0.2939

Deuteranomaly

39.7147, 0.2982, 0.2930

Tritanomaly

39.7981, 0.3013, 0.3046

Monochromacy



Original Color

39.8489, 0.2965, 0.2942

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2885, 0.3062, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8489, 0.2965, 0.2942 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(172, 166, 192)` looks like.

```
.text, #text, p{  
    color:rgb(172, 166, 192)  
}
```

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(172, 166, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 166, 192) }
```

Border

The CSS property to change the border of an element to Yxy 39.8489, 0.2965, 0.2942 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(172, 166, 192) }
```

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

```
.border{ border-color:rgb(172, 166, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 166, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 166, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 166, 192);  
box-shadow:4px 4px 4px 4px rgb(172, 166,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8489, 0.2965, 0.2942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 166, 192) }
```

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

```
.background{ background-color: rgb(172,  
166, 192) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor