

Converting Colors

$Y_{xy}(41.0356, 0.2923, 0.2854)$

Have a look what the booklet for
Yxy(41.0356, 0.2923, 0.2854)
contains.

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Color

Yxy(40.9684, 0.2920, 0.2846)

Conversions

Conversions Part 1

Format	Color
Hex	AFA7C9
RGB	175, 167, 201
RGB Percent	69%, 65%, 79%
CMY	0.3139, 0.3450, 0.2118
CMYK	0.13, 0.17, 0.00, 0.21
HSL	254°, 24%, 72%
HSV	254°, 17%, 79%
XYZ	42.0336, 40.9684, 60.9488
YIQ	173.2680, -6.1460, 12.2700

Conversions

Conversions Part 2

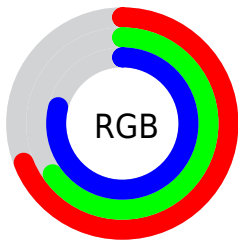
Format	Color
RYB	175, 167, 201
Decimal	11511753
CIELab	70.15, 9.59, -16.29
CIELCh	70, 18.899, 300.482
Yxy	40.9684, 0.2920, 0.2846
Android (android.graphics.Color)	4289701833 (0xFFAFA7C9)
YUV	173.2680, 13.6719, 1.5190
Hunter-Lab	64.0066, 5.2109, -11.6529

Details

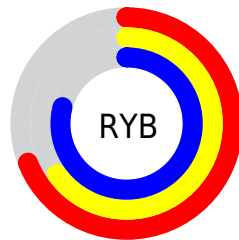
The Yxy color $40.9684, 0.2920, 0.2846$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $55.9074, 0.3313, 0.3715$, and the grayscale version is $41.8627, 0.3127, 0.3290$.

A 20% lighter version of the original color is $76.4515, 0.2979, 0.2953$, and $18.5056, 0.2853, 0.2718$ is the 20% darker color. If you saturate the color by 10%, you get $32.4871, 0.2774, 0.2548$, and if you desaturate by 10%, it is $50.8009, 0.3049, 0.3118$.

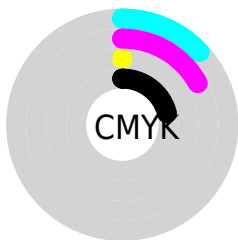
Distribution



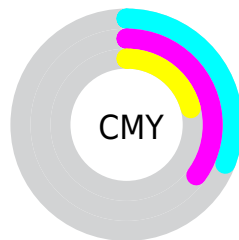
- Red (69%)
- Green (65%)
- Blue (79%)



- Red (69%)
- Yellow (65%)
- Blue (79%)



- Cyan (13%)
- Magenta (17%)
- Yellow (0%)
- Black (21%)





- Cyan (31%)
- Magenta (35%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 40.9684, 0.2920, 0.2846 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 40.9684, 0.2920, 0.2846 by changing the saturation by 10% instead.

 40.9684, 0.2920,
0.2846

 40.9684, 0.2920,
0.2846

350.1885, 0.3027,
0.3067

 28.2944, 0.2892,
0.2791


 76.6359, 0.2960,
0.2926

 18.5477, 0.2856,
0.2721


 100.3982, 0.2974,
0.2956

 11.3439, 0.2807,
0.2629


128.6254, 0.2987,
0.2982

 6.2987, 0.2738,
0.2501

161.7019, 0.2997,
0.3004

 3.0275, 0.2631,
0.2314

200.0121, 0.3006,
0.3023

 1.1461, 0.2448,
0.2016

243.9403, 0.3014,

 0.0170, 0.1741,

0.3039

0.0118

293.8710, 0.3021,
0.3054

0.0000, 0.0000,
0.0000

40.9684, 0.2920,
0.2846

40.9684, 0.2920,
0.2846

32.4871, 0.2774,
0.2548

50.8009, 0.3049,
0.3118

25.2924, 0.2611,
0.2228

62.0353, 0.3160,
0.3363

19.3220, 0.2435,
0.1898

74.7259, 0.3255,
0.3579

14.5063, 0.2252,
0.1573

88.9225, 0.3337,
0.3769

10.7687, 0.2072,
0.1271

96.4254, 0.3428,
0.3824

■ 8.0229, 0.1905,
0.1014

■ 96.9970, 0.3448,
0.3820

■ 6.1689, 0.1762,
0.0821

■ 5.0757, 0.1653,
0.0698

■ 4.8212, 0.1625,
0.0669

Harmonies

Analogous

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



40.9684, 0.2710, 0.2848



40.9684, 0.2920, 0.2846



40.9684, 0.3194, 0.2951

Triad

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



40.9684, 0.2920, 0.2846



40.9684, 0.3670, 0.3585



40.9684, 0.2797, 0.3442

Complementary

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



40.9684, 0.2920, 0.2846



55.9074, 0.3313, 0.3715

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.



40.9684, 0.3043, 0.3668



40.9684, 0.2920, 0.2846



40.9684, 0.3551, 0.3741

Square

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



40.9684, 0.2920, 0.2846



40.9684, 0.3637, 0.3364



40.9684, 0.3319, 0.3778



40.9684, 0.2642, 0.3180

Rectangle

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



40.9684, 0.2920, 0.2846



40.9684, 0.3377, 0.3068



40.9684, 0.3319, 0.3778



40.9684, 0.2872, 0.3526

Sweetspot

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



40.9701, 0.2920, 0.2846



90.3273, 0.3070, 0.3165



50.6047, 0.2870, 0.3187



19.0535, 0.3062, 0.3147



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.



40.9701, 0.2920, 0.2846



64.9932, 0.2873, 0.2748



43.0587, 0.3067, 0.2865



10.4052, 0.3018, 0.3054



3.0666, 0.1636, 0.0675



0.1794, 0.1855, 0.0795

Inverse Universe

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



43.9134, 0.3214, 0.2969



70.9213, 0.3234, 0.2903



53.8023, 0.3177, 0.3733



10.7726, 0.3173, 0.3115



9.2894, 0.3898, 0.1921



0.4505, 0.3726, 0.1826

Previews

White Background



This preview shows how the Yxy color 40.9684, 0.2920, 0.2846 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 40.9684, 0.2920, 0.2846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

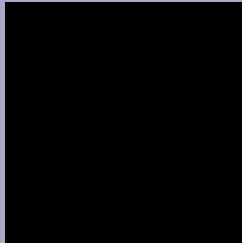
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.9684, 0.2920, 0.2846

Background



This preview shows how black text looks on a background with the Yxy color 40.9684, 0.2920, 0.2846.



This preview shows how white text looks on a background with the Yxy color 40.9684, 0.2920, 0.2846.

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

40.9684, 0.2920, 0.2846

Protanopia

41.0606, 0.2824, 0.2851

Deuteranopia

40.8531, 0.2912, 0.2845



Tritanopia

40.9390, 0.3038, 0.3114

Trichromacy



Original Color

40.9684, 0.2920, 0.2846

Protanomaly

41.0752, 0.2863, 0.2854

Deuteranomaly

40.8531, 0.2912, 0.2845

Tritanomaly

40.9779, 0.2990, 0.3009

Monochromacy



Original Color

40.9684, 0.2920, 0.2846

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.5434, 0.3055, 0.3129

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9684, 0.2920, 0.2846 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(175, 167, 201)` looks like.

```
.text, #text, p{  
    color:rgb(175, 167, 201)  
}
```

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(175, 167, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 167, 201) }
```

Border

The CSS property to change the border of an element to Yxy 40.9684, 0.2920, 0.2846 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(175, 167, 201) }
```

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

```
.border{ border-color:rgb(175, 167, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 167, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 167, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 167, 201);  
box-shadow:4px 4px 4px 4px rgb(175, 167,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9684, 0.2920, 0.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 167, 201) }
```

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

```
.background{ background-color: rgb(175,  
167, 201) }
```

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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