

Converting Colors

$Y_{xy}(36.8932, 0.2956, 0.2794)$

Have a look what the booklet for
Yxy(36.8932, 0.2956, 0.2794)
contains.

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Color

Yxy(36.8932, 0.2956, 0.2794)

Conversions

Conversions Part 1

Format	Color
Hex	AD9DC2
RGB	173, 157, 194
RGB Percent	68%, 62%, 76%
CMY	0.3215, 0.3843, 0.2391
CMYK	0.11, 0.19, 0.00, 0.24
HSL	266°, 23%, 69%
HSV	266°, 19%, 76%
XYZ	39.0323, 36.8932, 56.1189
YIQ	166.0020, -2.3410, 14.8990

Conversions

Conversions Part 2

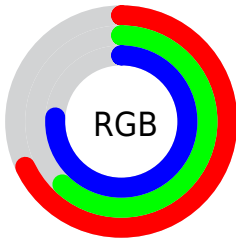
Format	Color
RYB	173, 157, 194
Decimal	11378114
CIELab	67.20, 13.04, -16.91
CIELCh	67, 21.355, 307.638
Yxy	36.8932, 0.2956, 0.2794
Android (android.graphics.Color)	4289568194 (0xFFAD9DC2)
YUV	166.0020, 13.8030, 6.1372
Hunter-Lab	60.7398, 8.4123, -12.2615

Details

The Yxy color $36.8932, 0.2956, 0.2794$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $50.4968, 0.3275, 0.3780$, and the grayscale version is $38.0690, 0.3127, 0.3290$.

A 20% lighter version of the original color is $70.7100, 0.2990, 0.2886$, and $16.1946, 0.2899, 0.2662$ is the 20% darker color. If you saturate the color by 10%, you get $29.6384, 0.2846, 0.2505$, and if you desaturate by 10%, it is $45.2971, 0.3052, 0.3064$.

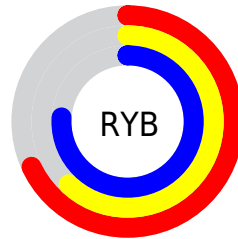
Distribution



Red (68%)

Green (62%)

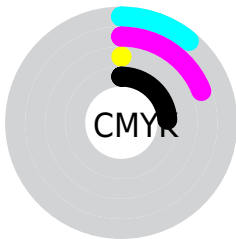
Blue (76%)



Red (68%)

Yellow (62%)

Blue (76%)

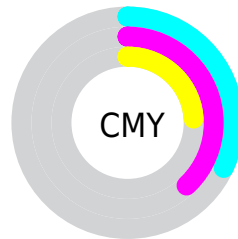


Cyan (11%)

Magenta (19%)

Yellow (0%)

Black (24%)



Cyan (32%)


Magenta (38%)


Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.8932, 0.2956, 0.2794 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 36.8932, 0.2956, 0.2794 by changing the saturation by 10% instead.


 36.8932, 0.2956,
0.2794


 36.8932, 0.2956,
0.2794


332.8479, 0.3047,
0.3044

 25.1248, 0.2932,
0.2731


 70.4085, 0.2990,
0.2885

 16.1701, 0.2899,
0.2651


 92.9242, 0.3003,
0.2919

 9.6446, 0.2854,
0.2544


119.7911, 0.3013,
0.2948

 5.1639, 0.2788,
0.2395

151.3937, 0.3022,
0.2972

 2.3438, 0.2683,
0.2173

188.1162, 0.3030,
0.2994

 0.7967, 0.2494,
0.1810

230.3432, 0.3036,

 0.0000, 0.0270,

0.3012

0.0000

278.4589, 0.3042,
0.3029

0.0000, 0.0000,
0.0000

36.8932, 0.2956,
0.2794

36.8932, 0.2956,
0.2794

29.6384, 0.2846,
0.2505

45.2971, 0.3052,
0.3064

23.4765, 0.2722,
0.2204

54.8938, 0.3134,
0.3312

18.3534, 0.2587,
0.1899

65.7302, 0.3204,
0.3536

14.2085, 0.2443,
0.1606

77.8493, 0.3263,
0.3737

10.9746, 0.2296,
0.1339

91.2921, 0.3312,
0.3916

■ 8.5756, 0.2153,
0.1114

■ 93.7811, 0.3383,
0.3911

■ 6.9223, 0.2021,
0.0944

■ 95.7573, 0.3457,
0.3896

■ 5.8624, 0.1906,
0.0828

■ 96.6763, 0.3490,
0.3889

■ 5.7772, 0.1896,
0.0818

Harmonies

Analogous

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



36.8932, 0.2689, 0.2763



36.8932, 0.2956, 0.2794



36.8932, 0.3282, 0.2940

Triad

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



36.8932, 0.2956, 0.2794



36.8932, 0.3745, 0.3684



36.8932, 0.2687, 0.3394

Complementary

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



36.8932, 0.2956, 0.2794



50.4968, 0.3275, 0.3780

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.



36.8932, 0.2953, 0.3682



36.8932, 0.2956, 0.2794



36.8932, 0.3566, 0.3842

Square

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



36.8932, 0.2956, 0.2794



36.8932, 0.3751, 0.3437



36.8932, 0.3274, 0.3849



36.8932, 0.2541, 0.3090

Rectangle

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



36.8932, 0.2956, 0.2794



36.8932, 0.3490, 0.3087



36.8932, 0.3274, 0.3849



36.8932, 0.2765, 0.3497

Sweetspot

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



36.8947, 0.2956, 0.2794



87.0078, 0.3078, 0.3141



43.1435, 0.2832, 0.3079



18.8075, 0.3072, 0.3124



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.



36.8947, 0.2956, 0.2794



60.9501, 0.2911, 0.2672



39.0780, 0.3120, 0.2818



9.9562, 0.3049, 0.3057



3.8437, 0.1909, 0.0825



0.2067, 0.2168, 0.0968

Inverse Universe

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



38.8007, 0.3295, 0.3019



65.1002, 0.3341, 0.2955



48.5125, 0.3128, 0.3803



10.1715, 0.3202, 0.3160



8.2991, 0.4656, 0.2338



0.3722, 0.4249, 0.2114

Previews

White Background



This preview shows how the Yxy color 36.8932, 0.2956, 0.2794 looks on a white background.

Color Contrast Check

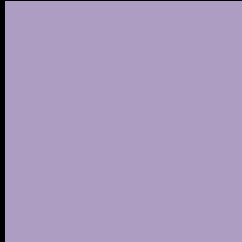
Large Text (above 18pt) WCAG AA × Fail

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 36.8932, 0.2956, 0.2794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

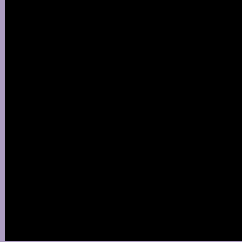
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8932, 0.2956, 0.2794

Background



This preview shows how black text looks on a background with the Yxy color 36.8932, 0.2956, 0.2794.



This preview shows how white text looks on a background with the Yxy color 36.8932, 0.2956, 0.2794.

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

36.8932, 0.2956, 0.2794

Protanopia

36.9858, 0.2781, 0.2793

Deuteranopia

36.9912, 0.2894, 0.2839



Tritanopia

37.0529, 0.3107, 0.3123

Trichromacy



Original Color

36.8932, 0.2956, 0.2794

Protanomaly

36.8542, 0.2837, 0.2784

Deuteranomaly

36.9714, 0.2920, 0.2828

Tritanomaly

37.1357, 0.3047, 0.3001

Monochromacy



Original Color

36.8932, 0.2956, 0.2794

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.7640, 0.3071, 0.3109

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8932, 0.2956, 0.2794 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, 157, 194)` looks like.

```
.text, #text, p{  
    color:rgb(173, 157, 194)  
}
```

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, 157, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 157, 194) }
```

Border

The CSS property to change the border of an element to Yxy 36.8932, 0.2956, 0.2794 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, 157, 194) }
```

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

```
.border{ border-color:rgb(173, 157, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 157, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 157, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 157, 194);  
box-shadow:4px 4px 4px 4px rgb(173, 157,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8932, 0.2956, 0.2794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 157, 194) }
```

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

```
.background{ background-color: rgb(173,  
157, 194) }
```

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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