

Converting Colors

$Y_{xy}(36.4659, 0.2858, 0.2556)$

Have a look what the booklet for
Yxy(36.4659, 0.2858, 0.2556)
contains.

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Color

Yxy(36.2900, 0.2860, 0.2554)

Conversions

Conversions Part 1

Format	Color
Hex	B098D1
RGB	176, 152, 209
RGB Percent	69%, 60%, 82%
CMY	0.3098, 0.4039, 0.1805
CMYK	0.16, 0.27, 0.00, 0.18
HSL	265°, 38%, 71%
HSV	265°, 27%, 82%
XYZ	40.6380, 36.2900, 65.1629
YIQ	165.6740, -3.9930, 22.8150

Conversions

Conversions Part 2

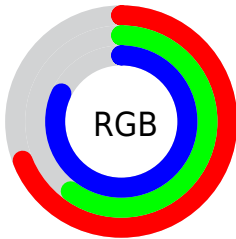
Format	Color
R _{YB}	176, 152, 209
Decimal	11573457
CIE Lab	66.74, 20.03, -25.89
CIE LCh	67, 32.733, 307.738
Yxy	36.2900, 0.2860, 0.2554
Android (android.graphics.Color)	4289763537 (0xFFB098D1)
YUV	165.6740, 21.3597, 9.0559
Hunter-Lab	60.2412, 14.9919, -21.9651

Details

The Yxy color **36.2900, 0.2860, 0.2554** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **58.1635, 0.3342, 0.4011**, and the grayscale version is **37.8648, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5184, 0.2985, 0.2787**, and **15.8514, 0.2778, 0.2360** is the 20% darker color. If you saturate the color by 10%, you get **28.7472, 0.2735, 0.2251**, and if you desaturate by 10%, it is **45.1564, 0.2970, 0.2842**.

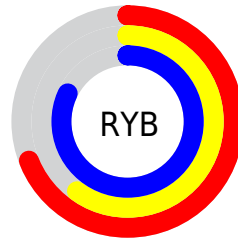
Distribution



Red (69%)

Green (60%)

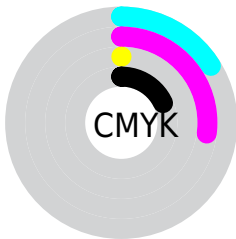
Blue (82%)



Red (69%)

Yellow (60%)

Blue (82%)

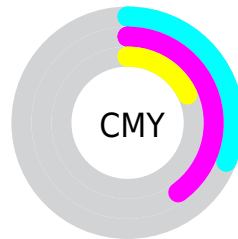


Cyan (16%)

Magenta (27%)

Yellow (0%)

Black (18%)



Cyan (31%)

Magenta (40%)

Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 36.2900, 0.2860, 0.2554 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 36.2900, 0.2860, 0.2554 by changing the saturation by 10% instead.

36.2900, 0.2860,
0.2554

36.2900, 0.2860,
0.2554

330.2263, 0.3003,
0.2918

24.6583, 0.2822,
0.2465

69.4794, 0.2914,
0.2685

15.8226, 0.2771,
0.2353

91.8059, 0.2934,
0.2734

9.3987, 0.2701,
0.2206

118.4661, 0.2950,
0.2776

5.0022, 0.2600,
0.2007

149.8444, 0.2964,
0.2813

2.2485, 0.2443,
0.1726

186.3251, 0.2976,
0.2844

0.7463, 0.2175,
0.1298

228.2928, 0.2986,

0.0000, 0.0892,

0.2872

0.0000

276.1317, 0.2995,
0.2896

0.0000, 0.0000,
0.0000

36.2900, 0.2860,
0.2554

36.2900, 0.2860,
0.2554

28.7472, 0.2735,
0.2251

45.1564, 0.2970,
0.2842

22.4576, 0.2598,
0.1944

55.4031, 0.3066,
0.3110

17.3508, 0.2452,
0.1644

67.0891, 0.3148,
0.3355

13.3474, 0.2302,
0.1369

80.2683, 0.3218,
0.3575

10.3579, 0.2156,
0.1134

94.0359, 0.3278,
0.3759

■ 8.2781, 0.2020,
0.0954

■ 96.1823, 0.3357,
0.3747

■ 6.9678, 0.1902,
0.0833

■ 97.3818, 0.3400,
0.3741

■ 6.6777, 0.1872,
0.0805

Harmonies

Analogous

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



36.2900, 0.2466, 0.2500



36.2900, 0.2860, 0.2554



36.2900, 0.3361, 0.2769

Triad

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



36.2900, 0.2860, 0.2554



36.2900, 0.4074, 0.3868



36.2900, 0.2456, 0.3440

Complementary

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



36.2900, 0.2860, 0.2554



58.1635, 0.3342, 0.4011

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.



36.2900, 0.2848, 0.3911



36.2900, 0.2860, 0.2554



36.2900, 0.3787, 0.4136

Square

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



36.2900, 0.2860, 0.2554



36.2900, 0.4095, 0.3491



36.2900, 0.3335, 0.4173



36.2900, 0.2248, 0.2965

Rectangle

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



36.2900, 0.2860, 0.2554



36.2900, 0.3686, 0.2980



36.2900, 0.3335, 0.4173



36.2900, 0.2570, 0.3608

Sweetspot

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



36.2915, 0.2860, 0.2554



85.4969, 0.3059, 0.3089



46.0744, 0.2702, 0.2974



17.7516, 0.3045, 0.3049



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.



36.2915, 0.2860, 0.2554



49.4535, 0.2785, 0.2370



39.9298, 0.3115, 0.2608



11.6575, 0.3047, 0.3054



4.1739, 0.1886, 0.0813



0.2796, 0.2096, 0.0929

Inverse Universe

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



39.5117, 0.3381, 0.2887



55.4729, 0.3456, 0.2793



54.9959, 0.3125, 0.4061



11.9213, 0.3201, 0.3156



9.2285, 0.4616, 0.2316



0.5317, 0.4289, 0.2136

Previews

White Background



This preview shows how the Yxy color 36.2900, 0.2860, 0.2554 looks on a white background.

Color Contrast Check

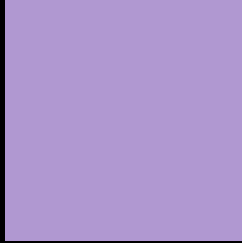
Large Text (above 18pt) WCAG AA × Fail

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 36.2900, 0.2860, 0.2554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

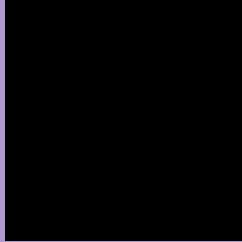
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.2900, 0.2860, 0.2554

Background



This preview shows how black text looks on a background with the Yxy color 36.2900, 0.2860, 0.2554.



This preview shows how white text looks on a background with the Yxy color 36.2900, 0.2860, 0.2554.

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

36.2900, 0.2860, 0.2554

Protanopia

36.2510, 0.2588, 0.2545

Deuteranopia

36.2698, 0.2703, 0.2637



Tritanopia

36.3209, 0.3117, 0.3108

Trichromacy



Original Color

36.2900, 0.2860, 0.2554

Protanomaly

36.1871, 0.2683, 0.2543

Deuteranomaly

36.1175, 0.2759, 0.2596

Tritanomaly

36.0504, 0.3023, 0.2894

Monochromacy



Original Color

36.2900, 0.2860, 0.2554

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.4132, 0.3029, 0.3001

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.2900, 0.2860, 0.2554 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(176, 152, 209)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 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(176, 152, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 209) }
```

Border

The CSS property to change the border of an element to Yxy 36.2900, 0.2860, 0.2554 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(176, 152, 209) }
```

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

```
.border{ border-color:rgb(176, 152, 209) }
```

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

Here you see how a box with a 4 pixel rgb(176, 152, 209) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 209);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 36.2900, 0.2860, 0.2554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 209) }
```

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

```
.background{ background-color: rgb(176,  
152, 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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