

Converting Colors

Yxy(36.9917, 0.2844, 0.2702)

Have a look what the booklet for
Yxy(36.9917, 0.2844, 0.2702)
contains.

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Color

Yxy(37.0428, 0.2848, 0.2703)

Conversions

Conversions Part 1

Format	Color
Hex	A89ECA
RGB	168, 158, 202
RGB Percent	66%, 62%, 79%
CMY	0.3413, 0.3803, 0.2078
CMYK	0.17, 0.22, 0.00, 0.21
HSL	254°, 29%, 71%
HSV	254°, 22%, 79%
XYZ	39.0299, 37.0428, 60.9706
YIQ	166.0060, -8.1640, 15.8040

Conversions

Conversions Part 2

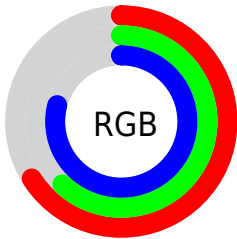
Format	Color
R_{YB}	168, 158, 202
Decimal	11050698
CIE _{Lab}	67.31, 12.55, -21.21
CIE _{LCh}	67, 24.646, 300.610
Yxy	37.0428, 0.2848, 0.2703
Android (android.graphics.Color)	4289240778 (0xFFA89ECA)
YUV	166.0060, 17.7450, 1.7487
Hunter-Lab	60.8628, 7.9581, -16.7910

Details

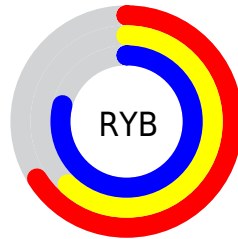
The Yxy color **37.0428, 0.2848, 0.2703** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **55.9247, 0.3370, 0.3843**, and the grayscale version is **38.0506, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.6558, 0.2931, 0.2853**, and **16.2983, 0.2753, 0.2539** is the 20% darker color. If you saturate the color by 10%, you get **29.0959, 0.2692, 0.2393**, and if you desaturate by 10%, it is **46.3317, 0.2987, 0.2989**.

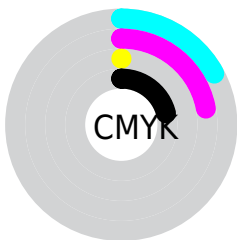
Distribution



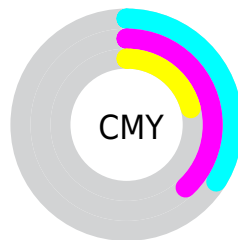
- Red (66%)
- Green (62%)
- Blue (79%)



- Red (66%)
- Yellow (62%)
- Blue (79%)



- Cyan (17%)
- Magenta (22%)
- Yellow (0%)
- Black (21%)



- Cyan (34%)
- Magenta (38%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 37.0428, 0.2848, 0.2703 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 37.0428, 0.2848, 0.2703 by changing the saturation by 10% instead.

■ 37.0428, 0.2848,
0.2703

■ 37.0428, 0.2848,
0.2703

■ 333.4958, 0.2994,
0.2997

■ 25.2406, 0.2809,
0.2630

■ 70.6386, 0.2903,
0.2810

■ 16.2564, 0.2759,
0.2536

■ 93.2010, 0.2923,
0.2850

■ 9.7058, 0.2690,
0.2413

■ 120.1190, 0.2940,
0.2884

■ 5.2043, 0.2590,
0.2242

■ 151.7769, 0.2954,
0.2913

■ 2.3676, 0.2436,
0.1993

■ 188.5591, 0.2966,
0.2938

■ 0.8092, 0.2171,
0.1600

■ 230.8501, 0.2977,

■ 0.0000, 0.0194,

0.2960

0.0000

279.0342, 0.2986,
0.2980

■ 0.0000, 0.0000,
0.0000

■ 37.0428, 0.2848,
0.2703

■ 37.0428, 0.2848,
0.2703

■ 29.0959, 0.2692,
0.2393

■ 46.3317, 0.2987,
0.2989

■ 22.4239, 0.2521,
0.2066

■ 57.0163, 0.3107,
0.3247

■ 16.9605, 0.2339,
0.1735

■ 69.1533, 0.3212,
0.3477

■ 12.6320, 0.2155,
0.1417

■ 82.7945, 0.3301,
0.3680

■ 9.3559, 0.1978,
0.1134

■ 95.3995, 0.3383,
0.3820

■ 7.0387, 0.1822,
0.0906

■ 97.0444, 0.3442,
0.3810

■ 5.5692, 0.1696,
0.0748

■ 4.8378, 0.1617,
0.0665

Harmonies

Analogous

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



37.0428, 0.2572, 0.2700



37.0428, 0.2848, 0.2703



37.0428, 0.3215, 0.2842

Triad

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



37.0428, 0.2848, 0.2703



37.0428, 0.3860, 0.3677



37.0428, 0.2682, 0.3493

Complementary

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



37.0428, 0.2848, 0.2703



55.9247, 0.3370, 0.3843

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.



37.0428, 0.3008, 0.3808



37.0428, 0.2848, 0.2703



37.0428, 0.3694, 0.3895

Square

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



37.0428, 0.2848, 0.2703



37.0428, 0.3819, 0.3382



37.0428, 0.3379, 0.3955



37.0428, 0.2481, 0.3133

Rectangle

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



37.0428, 0.2848, 0.2703



37.0428, 0.3464, 0.2994



37.0428, 0.3379, 0.3955



37.0428, 0.2780, 0.3610

Sweetspot

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



37.0443, 0.2848, 0.2703



86.6089, 0.3045, 0.3113



49.4418, 0.2797, 0.3164



18.3030, 0.3038, 0.3097



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.



37.0443, 0.2848, 0.2703



56.2804, 0.2779, 0.2564



39.6114, 0.3039, 0.2735



10.9643, 0.3017, 0.3053



3.1463, 0.1627, 0.0670



0.1974, 0.1828, 0.0781

Inverse Universe

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



40.8242, 0.3241, 0.2869



63.8179, 0.3269, 0.2778



53.3106, 0.3196, 0.3874



11.3586, 0.3172, 0.3112



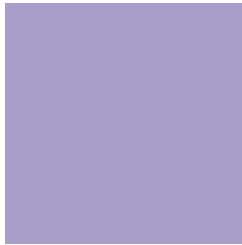
9.6455, 0.3873, 0.1907



0.5085, 0.3718, 0.1822

Previews

White Background



This preview shows how the Yxy color 37.0428, 0.2848, 0.2703 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 37.0428, 0.2848, 0.2703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

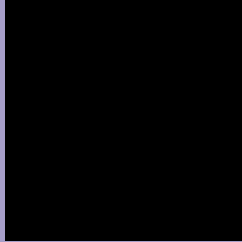
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.0428, 0.2848, 0.2703

Background



This preview shows how black text looks on a background with the Yxy color 37.0428, 0.2848, 0.2703.



This preview shows how white text looks on a background with the Yxy color 37.0428, 0.2848, 0.2703.

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

37.0428, 0.2848, 0.2703

Protanopia

37.1185, 0.2713, 0.2703

Deuteranopia

36.9829, 0.2790, 0.2721



Tritanopia

37.1155, 0.3016, 0.3106

Trichromacy



Original Color

37.0428, 0.2848, 0.2703

Protanomaly

37.2203, 0.2760, 0.2707

Deuteranomaly

36.9531, 0.2815, 0.2711

Tritanomaly

36.9919, 0.2959, 0.2957

Monochromacy



Original Color

37.0428, 0.2848, 0.2703

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.6645, 0.3027, 0.3067

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.0428, 0.2848, 0.2703 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(168, 158, 202)` looks like.

```
.text, #text, p{  
    color:rgb(168, 158, 202)  
}
```

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(168, 158, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 158, 202) }
```

Border

The CSS property to change the border of an element to Yxy 37.0428, 0.2848, 0.2703 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(168, 158, 202) }
```

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

```
.border{ border-color:rgb(168, 158, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 158, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 158, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 158, 202);  
box-shadow:4px 4px 4px 4px rgb(168, 158,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 37.0428, 0.2848, 0.2703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 158, 202) }
```

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

```
.background{ background-color: rgb(168,  
158, 202) }
```

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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