

Converting Colors

$Y_{xy}(29.1038, 0.2947, 0.2655)$

Have a look what the booklet for
Yxy(29.1038, 0.2947, 0.2655)
contains.

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Color

Yxy(29.2357, 0.2952, 0.2661)

Conversions

Conversions Part 1

Format	Color
Hex	A28AB6
RGB	162, 138, 182
RGB Percent	64%, 54%, 71%
CMY	0.3647, 0.4588, 0.2862
CMYK	0.11, 0.24, 0.00, 0.29
HSL	273°, 23%, 63%
HSV	273°, 24%, 71%
XYZ	32.4328, 29.2357, 48.1988
YIQ	150.1920, 0.1800, 18.7720

Conversions

Conversions Part 2

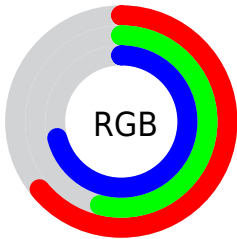
Format	Color
RYB	162, 138, 182
Decimal	10652342
CIELab	60.99, 17.55, -19.68
CIELCh	61, 26.370, 311.714
Yxy	29.2357, 0.2952, 0.2661
Android (android.graphics.Color)	4288842422 (0xFFA28AB6)
YUV	150.1920, 15.6813, 10.3556
Hunter-Lab	54.0700, 12.4471, -15.0029

Details

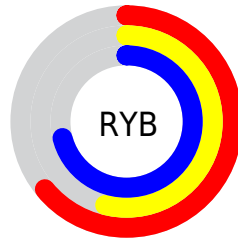
The Yxy color $29.2357, 0.2952, 0.2661$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $42.5698, 0.3268, 0.3927$, and the grayscale version is $30.5177, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.6240, 0.2989, 0.2786$, and $11.8794, 0.2887, 0.2470$ is the 20% darker color. If you saturate the color by 10%, you get $23.6055, 0.2860, 0.2376$, and if you desaturate by 10%, it is $35.8007, 0.3032, 0.2934$.

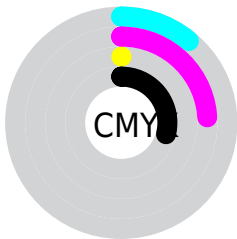
Distribution



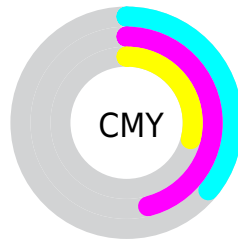
- Red (64%)
- Green (54%)
- Blue (71%)



- Red (64%)
- Yellow (54%)
- Blue (71%)



- Cyan (11%)
- Magenta (24%)
- Yellow (0%)
- Black (29%)



- Cyan (36%)
- Magenta (46%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.2357, 0.2952, 0.2661 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 29.2357, 0.2952, 0.2661 by changing the saturation by 10% instead.

■ 29.2357, 0.2952,
0.2661

■ 29.2357, 0.2952,
0.2661

■ 298.3254, 0.3050,
0.2986

■ 19.2592, 0.2924,
0.2577

■ 58.4514, 0.2990,
0.2781

■ 11.8577, 0.2885,
0.2468

■ 78.4593, 0.3004,
0.2826

■ 6.6469, 0.2829,
0.2320

■ 102.5798, 0.3015,
0.2863

■ 3.2423, 0.2743,
0.2110

■ 131.1974, 0.3025,
0.2895

■ 1.2595, 0.2593,
0.1790

■ 164.6963, 0.3032,
0.2922

■ 0.1095, 0.2376,
0.0489

■ 203.4611, 0.3039,

■ 0.0000, 0.0000,

0.2946

0.0000

247.8760, 0.3045,
0.2967

■ 29.2357, 0.2952,
0.2661

■ 29.2357, 0.2952,
0.2661

■ 23.6055, 0.2860,
0.2376

■ 35.8007, 0.3032,
0.2934

■ 18.8618, 0.2757,
0.2087

■ 43.3384, 0.3101,
0.3189

■ 14.9573, 0.2644,
0.1805


■ 51.8891, 0.3160,
0.3424


■ 11.8388, 0.2525,
0.1543

■ 61.4898, 0.3209,
0.3639


■ 9.4466, 0.2404,
0.1314


■ 72.1753, 0.3249,
0.3832


 7.7124, 0.2286,
0.1130


 83.9791, 0.3283,
0.4006

 6.5536, 0.2176,
0.0999

 90.1066, 0.3326,
0.4066

 6.0433, 0.2115,
0.0939

 91.4303, 0.3381,
0.4053

 92.8190, 0.3436,
0.4039

Harmonies

Analogous

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



29.2357, 0.2588, 0.2595



29.2357, 0.2952, 0.2661



29.2357, 0.3390, 0.2867

Triad

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



29.2357, 0.2952, 0.2661



29.2357, 0.3929, 0.3839



29.2357, 0.2509, 0.3365

Complementary

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



29.2357, 0.2952, 0.2661



42.5698, 0.3268, 0.3927

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.



29.2357, 0.2836, 0.3775



29.2357, 0.2952, 0.2661



29.2357, 0.3659, 0.4042

Square

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



29.2357, 0.2952, 0.2661



29.2357, 0.3976, 0.3519



29.2357, 0.3256, 0.4032



29.2357, 0.2347, 0.2966

Rectangle

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



29.2357, 0.2952, 0.2661



29.2357, 0.3661, 0.3063



29.2357, 0.3256, 0.4032



29.2357, 0.2602, 0.3509

Sweetspot

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



29.2369, 0.2952, 0.2661



74.3552, 0.3082, 0.3116



33.4211, 0.2747, 0.2938



16.2390, 0.3078, 0.3101



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



29.2369, 0.2952, 0.2661



47.3703, 0.2905, 0.2511



31.4428, 0.3169, 0.2717



8.9541, 0.3067, 0.3060



4.3067, 0.2126, 0.0945



0.1881, 0.2400, 0.1096

Inverse Universe

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



30.5945, 0.3402, 0.3011



50.3291, 0.3480, 0.2947



40.7446, 0.3085, 0.3939



9.0783, 0.3219, 0.3186



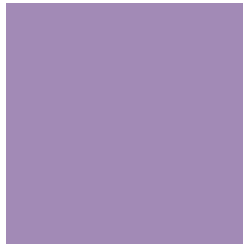
7.4749, 0.5120, 0.2594



0.2760, 0.4504, 0.2255

Previews

White Background



This preview shows how the Yxy color 29.2357, 0.2952, 0.2661 looks on a white background.

Color Contrast Check

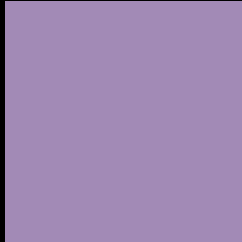
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.2357, 0.2952, 0.2661 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 × Fail

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

Yxy 29.2357, 0.2952, 0.2661

Background



This preview shows how black text looks on a background with the Yxy color 29.2357, 0.2952, 0.2661.



This preview shows how white text looks on a background with the Yxy color 29.2357, 0.2952, 0.2661.

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

29.2357, 0.2952, 0.2661

Protanopia

29.4640, 0.2684, 0.2674

Deuteranopia

29.3025, 0.2801, 0.2736



Tritanopia

29.2471, 0.3177, 0.3123

Trichromacy



Original Color

29.2357, 0.2952, 0.2661

Protanomaly

29.2587, 0.2776, 0.2669

Deuteranomaly

29.2615, 0.2855, 0.2715

Tritanomaly

29.1010, 0.3091, 0.2947

Monochromacy



Original Color

29.2357, 0.2952, 0.2661

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.0364, 0.3057, 0.3048

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.2357, 0.2952, 0.2661 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(162, 138, 182)` looks like.

```
.text, #text, p{  
    color:rgb(162, 138, 182)  
}
```

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(162, 138, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 138, 182) }
```

Border

The CSS property to change the border of an element to Yxy 29.2357, 0.2952, 0.2661 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(162, 138, 182) }
```

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

```
.border{ border-color:rgb(162, 138, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 138, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 138, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 138, 182);  
box-shadow:4px 4px 4px 4px rgb(162, 138,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 29.2357, 0.2952, 0.2661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 138, 182) }
```

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

```
.background{ background-color: rgb(162,  
138, 182) }
```

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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