

Converting Colors

$Y_{xy}(28.7816, 0.2975, 0.2725)$

Have a look what the booklet for
Yxy(28.7816, 0.2975, 0.2725)
contains.

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Color

Yxy(28.8249, 0.2978, 0.2723)

Conversions

Conversions Part 1

Format	Color
Hex	A08AB1
RGB	160, 138, 177
RGB Percent	63%, 54%, 69%
CMY	0.3725, 0.4588, 0.3058
CMYK	0.10, 0.22, 0.00, 0.31
HSL	274°, 20%, 62%
HSV	274°, 22%, 69%
XYZ	31.5243, 28.8249, 45.5080
YIQ	149.0240, 0.5930, 16.7930

Conversions

Conversions Part 2

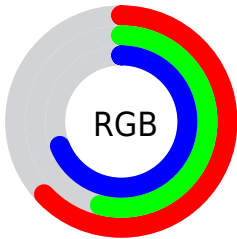
Format	Color
R_{YB}	160, 138, 177
Decimal	10521265
CIE _{Lab}	60.63, 15.82, -17.42
CIE _{LCh}	61, 23.527, 312.238
Yxy	28.8249, 0.2978, 0.2723
Android (android.graphics.Color)	4288711345 (0xFFA08AB1)
YUV	149.0240, 13.7922, 9.6260
Hunter-Lab	53.6888, 10.8537, -12.6735

Details

The Yxy color $28.8249, 0.2978, 0.2723$ is a light color, and the websafe version is hex $9999CC$. A complement of this color would be $40.2573, 0.3249, 0.3866$, and the grayscale version is $30.0075, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.0295, 0.3009, 0.2835$, and $11.6228, 0.2923, 0.2552$ is the 20% darker color. If you saturate the color by 10%, you get $23.3830, 0.2893, 0.2442$, and if you desaturate by 10%, it is $35.1465, 0.3052, 0.2991$.

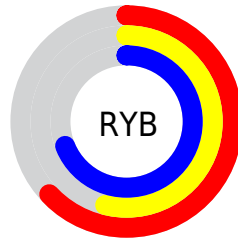
Distribution



Red (63%)

Green (54%)

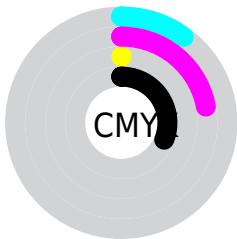
Blue (69%)



Red (63%)

Yellow (54%)

Blue (69%)

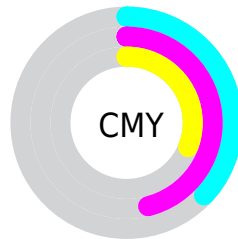


Cyan (10%)

Magenta (22%)

Yellow (0%)

Black (31%)



Cyan (37%)


Magenta (46%)


Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.8249, 0.2978, 0.2723 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 28.8249, 0.2978, 0.2723 by changing the saturation by 10% instead.


 28.8249, 0.2978,
0.2723

 28.8249, 0.2978,
0.2723


296.3879, 0.3062,
0.3018

 18.9484, 0.2954,
0.2646


 57.7988, 0.3011,
0.2833

 11.6330, 0.2920,
0.2545


 77.6649, 0.3022,
0.2873

 6.4943, 0.2872,
0.2407


 101.6298, 0.3032,
0.2907

 3.1479, 0.2796,
0.2209

130.0777, 0.3040,
0.2936

 1.2094, 0.2663,
0.1902

163.3930, 0.3047,
0.2961

 0.0694, 0.2439,
0.0374

201.9603, 0.3053,

 0.0000, 0.0000,

0.2982

0.0000

246.1638, 0.3058,
0.3001

■ 28.8249, 0.2978,
0.2723

■ 28.8249, 0.2978,
0.2723

■ 23.3830, 0.2893,
0.2442

■ 35.1465, 0.3052,
0.2991

■ 18.7762, 0.2797,
0.2156

■ 42.3823, 0.3115,
0.3241

■ 14.9614, 0.2691,
0.1875


■ 50.5695, 0.3169,
0.3472


■ 11.8901, 0.2578,
0.1611


■ 59.7420, 0.3213,
0.3681


■ 9.5083, 0.2462,
0.1377


■ 69.9320, 0.3250,
0.3871


 7.7543, 0.2347,
0.1186


 81.1703, 0.3280,
0.4041

 6.5549, 0.2238,
0.1045

 88.9959, 0.3316,
0.4131

 5.8758, 0.2157,
0.0962

 90.1850, 0.3366,
0.4117

 91.4299, 0.3418,
0.4103

Harmonies

Analogous

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



28.8249, 0.2647, 0.2662



28.8249, 0.2978, 0.2723



28.8249, 0.3371, 0.2913

Triad

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



28.8249, 0.2978, 0.2723



28.8249, 0.3844, 0.3792



28.8249, 0.2567, 0.3353

Complementary

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



28.8249, 0.2978, 0.2723



40.2573, 0.3249, 0.3866

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.



28.8249, 0.2861, 0.3716



28.8249, 0.2978, 0.2723



28.8249, 0.3601, 0.3966

Square

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



28.8249, 0.2978, 0.2723



28.8249, 0.3889, 0.3507



28.8249, 0.3239, 0.3948



28.8249, 0.2421, 0.2997

Rectangle

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



28.8249, 0.2978, 0.2723



28.8249, 0.3612, 0.3092



28.8249, 0.3239, 0.3948



28.8249, 0.2651, 0.3480

Sweetspot

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



28.8261, 0.2978, 0.2723



69.1008, 0.3085, 0.3117



32.2074, 0.2782, 0.2964



14.8149, 0.3081, 0.3102



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



28.8261, 0.2978, 0.2723



47.1358, 0.2942, 0.2601



30.6240, 0.3172, 0.2778



8.4587, 0.3070, 0.3061



4.2925, 0.2167, 0.0968



0.1688, 0.2456, 0.1127

Inverse Universe

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



29.8930, 0.3379, 0.3048



49.4045, 0.3443, 0.2997



38.7478, 0.3084, 0.3862



8.5648, 0.3221, 0.3191



7.1740, 0.5196, 0.2636



0.2375, 0.4506, 0.2256

Previews

White Background



This preview shows how the Yxy color 28.8249, 0.2978, 0.2723 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 28.8249, 0.2978, 0.2723 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

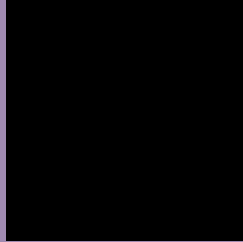
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.8249, 0.2978, 0.2723

Background



This preview shows how black text looks on a background with the Yxy color 28.8249, 0.2978, 0.2723.



This preview shows how white text looks on a background with the Yxy color 28.8249, 0.2978, 0.2723.

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

28.8249, 0.2978, 0.2723

Protanopia

29.0315, 0.2730, 0.2728

Deuteranopia

28.8905, 0.2852, 0.2791



Tritanopia

28.7138, 0.3167, 0.3121

Trichromacy



Original Color

28.8249, 0.2978, 0.2723

Protanomaly

28.7523, 0.2817, 0.2721

Deuteranomaly

28.7637, 0.2899, 0.2768

Tritanomaly

28.8265, 0.3089, 0.2973

Monochromacy



Original Color

28.8249, 0.2978, 0.2723

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

29.5263, 0.3075, 0.3076

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8249, 0.2978, 0.2723 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(160, 138, 177)` looks like.

```
.text, #text, p{  
    color:rgb(160, 138, 177)  
}
```

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(160, 138, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 138, 177) }
```

Border

The CSS property to change the border of an element to Yxy 28.8249, 0.2978, 0.2723 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(160, 138, 177) }
```

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

```
.border{ border-color:rgb(160, 138, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 138, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 138, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 138, 177);  
box-shadow:4px 4px 4px 4px rgb(160, 138,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8249, 0.2978, 0.2723 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 138, 177) }
```

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

```
.background{ background-color: rgb(160,  
138, 177) }
```

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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