

Converting Colors

$Y_{xy}(17.2349, 0.3302, 0.2864)$

Have a look what the booklet for
Yxy(17.2349, 0.3302, 0.2864)
contains.

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Color

Yxy(17.2636, 0.3297, 0.2870)

Conversions

Conversions Part 1

Format	Color
Hex	8C6981
RGB	140, 105, 129
RGB Percent	55%, 41%, 51%
CMY	0.4509, 0.5883, 0.4941
CMYK	0.00, 0.25, 0.08, 0.45
HSL	319°, 14%, 48%
HSV	319°, 25%, 55%
XYZ	19.8321, 17.2636, 23.0562
YIQ	118.2010, 13.1560, 14.8840

Conversions

Conversions Part 2

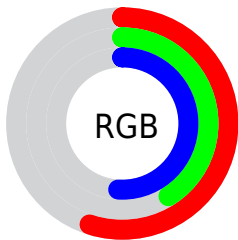
Format	Color
R_{YB}	140, 105, 129
Decimal	9202049
CIE _{Lab}	48.59, 18.15, -7.85
CIE _{LCh}	49, 19.776, 336.627
Yxy	17.2636, 0.3297, 0.2870
Android (android.graphics.Color)	4287392129 (0xFF8C6981)
YUV	118.2010, 5.3239, 19.1177
Hunter-Lab	41.5495, 12.4887, -3.8160

Details

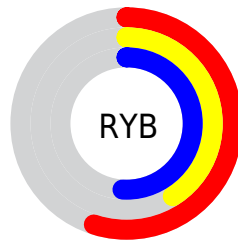
The Yxy color **17.2636, 0.3297, 0.2870** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **23.0270, 0.2991, 0.3751**, and the grayscale version is **18.1637, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6237, 0.3259, 0.2956**, and **5.6293, 0.3354, 0.2685** is the 20% darker color. If you saturate the color by 10%, you get **14.5285, 0.3385, 0.2697**, and if you desaturate by 10%, it is **20.4749, 0.3221, 0.3042**.

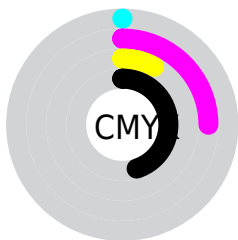
Distribution



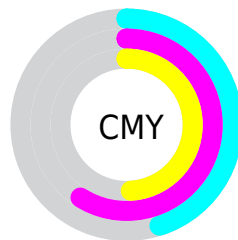
- Red (55%)
- Green (41%)
- Blue (51%)



- Red (55%)
- Yellow (41%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (8%)
- Black (45%)





- Cyan (45%)
- Magenta (59%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2636, 0.3297, 0.2870 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 17.2636, 0.3297, 0.2870 by changing the saturation by 10% instead.


 17.2636, 0.3297,
0.2870


 17.2636, 0.3297,
0.2870


236.6869, 0.3202,
0.3107

 10.4226, 0.3325,
0.2799


 38.7784, 0.3259,
0.2964


 5.6801, 0.3365,
0.2700


 54.2211, 0.3246,
0.2997

 2.6515, 0.3423,
0.2552

 73.2997, 0.3235,
0.3024

 0.9526, 0.3520,
0.2305

 96.3988, 0.3226,
0.3046

 0.0000, 0.4378,
0.0000

123.9026, 0.3219,
0.3065

 0.0000, 0.0000,
0.0000

156.1957, 0.3212,

0.3081

193.6623, 0.3206,
0.3095

■ 17.2636, 0.3297,
0.2870

■ 17.2636, 0.3297,
0.2870

■ 14.5285, 0.3385,
0.2697

■ 20.4749, 0.3221,
0.3042

■ 12.2444, 0.3485,
0.2529

■ 24.1816, 0.3156,
0.3209

■ 10.3870, 0.3596,
0.2374

■ 28.4047, 0.3101,
0.3368

■ 8.9289, 0.3718,
0.2242

■ 33.1630, 0.3054,
0.3517

■ 7.8395, 0.3846,
0.2143

■ 38.4748, 0.3015,
0.3655

■ 7.0837, 0.3978,
0.2085

■ 44.3571, 0.2983,
0.3783

■ 6.6138, 0.4108,
0.2073

■ 50.8265, 0.2955,
0.3901

■ 6.4214, 0.4175,
0.2074

■ 57.8987, 0.2933,
0.4009

■ 65.5889, 0.2914,
0.4107

Harmonies

Analogous

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



17.2636, 0.2909, 0.2702



17.2636, 0.3297, 0.2870



17.2636, 0.3656, 0.3135

Triad

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



17.2636, 0.3297, 0.2870



17.2636, 0.3657, 0.3944



17.2636, 0.2437, 0.3058

Complementary

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



17.2636, 0.3297, 0.2870



23.0270, 0.2991, 0.3751

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.



17.2636, 0.2613, 0.3424



17.2636, 0.3297, 0.2870



17.2636, 0.3311, 0.3966

Square

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



17.2636, 0.3297, 0.2870



17.2636, 0.3867, 0.3743



17.2636, 0.2929, 0.3772



17.2636, 0.2433, 0.2789

Rectangle

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



17.2636, 0.3297, 0.2870



17.2636, 0.3821, 0.3342



17.2636, 0.2929, 0.3772



17.2636, 0.2478, 0.3174

Sweetspot

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



17.2644, 0.3297, 0.2870



40.4626, 0.3175, 0.3157



15.6750, 0.2842, 0.2632



9.1133, 0.3184, 0.3135



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



17.2644, 0.3297, 0.2870



27.6191, 0.3345, 0.2773



16.8492, 0.3531, 0.3165



5.1026, 0.3182, 0.3141



5.7073, 0.4169, 0.2070



0.0406, 0.3650, 0.1784

Inverse Universe

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



17.2644, 0.3297, 0.2870



27.6191, 0.3345, 0.2773



23.4597, 0.2834, 0.3420



5.1026, 0.3182, 0.3141



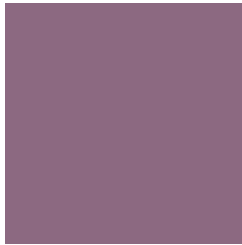
5.7073, 0.4169, 0.2070



0.0406, 0.3650, 0.1784

Previews

White Background



This preview shows how the Yxy color 17.2636, 0.3297, 0.2870 looks on a white background.

Color Contrast Check

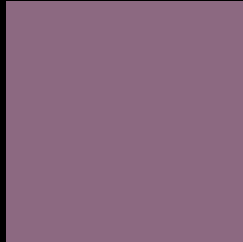
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 17.2636, 0.3297, 0.2870 looks on a black 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

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

Yxy 17.2636, 0.3297, 0.2870

Background



This preview shows how black text looks on a background with the Yxy color 17.2636, 0.3297, 0.2870.



This preview shows how white text looks on a background with the Yxy color 17.2636, 0.3297, 0.2870.

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

17.2636, 0.3297, 0.2870

Protanopia

17.4555, 0.2863, 0.2908

Deuteranopia

17.2118, 0.3051, 0.2988



Tritanopia

17.1796, 0.3440, 0.3128

Trichromacy



Original Color

17.2636, 0.3297, 0.2870

Protanomaly

17.1999, 0.3005, 0.2881

Deuteranomaly

17.0850, 0.3144, 0.2940

Tritanomaly

17.1775, 0.3388, 0.3023

Monochromacy



Original Color

17.2636, 0.3297, 0.2870

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6510, 0.3187, 0.3122

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2636, 0.3297, 0.2870 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(140, 105, 129)` looks like.

```
.text, #text, p{  
    color:rgb(140, 105, 129)  
}
```

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(140, 105, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 105, 129) }
```

Border

The CSS property to change the border of an element to Yxy 17.2636, 0.3297, 0.2870 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(140, 105, 129) }
```

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

```
.border{ border-color:rgb(140, 105, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 105, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 105, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 105, 129);  
box-shadow:4px 4px 4px 4px rgb(140, 105,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2636, 0.3297, 0.2870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 105, 129) }
```

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

```
.background{ background-color: rgb(140,  
105, 129) }
```

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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