

Converting Colors

$Y_{xy}(17.0857, 0.2938, 0.2471)$

Have a look what the booklet for
Yxy(17.0857, 0.2938, 0.2471)
contains.

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Color

Yxy(17.0358, 0.2936, 0.2458)

Conversions

Conversions Part 1

Format	Color
Hex	866798
RGB	134, 103, 152
RGB Percent	53%, 40%, 60%
CMY	0.4745, 0.5961, 0.4039
CMYK	0.12, 0.32, 0.00, 0.40
HSL	278°, 19%, 50%
HSV	278°, 32%, 60%
XYZ	20.3487, 17.0358, 31.9231
YIQ	117.8550, 2.7470, 21.8110

Conversions

Conversions Part 2

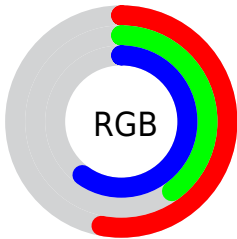
Format	Color
R_{YB}	134, 103, 152
Decimal	8808344
CIE _{Lab}	48.31, 21.94, -21.99
CIE _{LCh}	48, 31.064, 314.924
Yxy	17.0358, 0.2936, 0.2458
Android (android.graphics.Color)	4286998424 (0xFF866798)
YUV	117.8550, 16.8335, 14.1592
Hunter-Lab	41.2744, 15.7719, -16.9648

Details

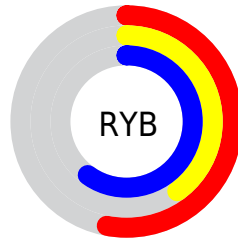
The Yxy color **17.0358, 0.2936, 0.2458** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **27.5032, 0.3264, 0.4163**, and the grayscale version is **18.0151, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2588, 0.2992, 0.2635**, and **5.5110, 0.2824, 0.2137** is the 20% darker color. If you saturate the color by 10%, you get **13.8354, 0.2857, 0.2183**, and if you desaturate by 10%, it is **20.8116, 0.3006, 0.2730**.

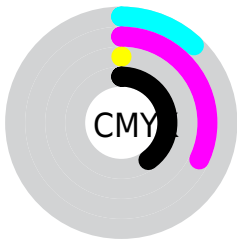
Distribution



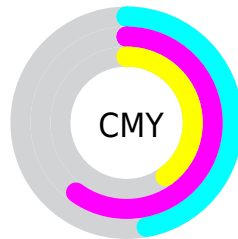
- Red (53%)
- Green (40%)
- Blue (60%)



- Red (53%)
- Yellow (40%)
- Blue (60%)



- Cyan (12%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)




- Cyan (47%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0358, 0.2936, 0.2458 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 17.0358, 0.2936, 0.2458 by changing the saturation by 10% instead.

 17.0358, 0.2936,
0.2458


 17.0358, 0.2936,
0.2458


235.3786, 0.3055,
0.2916


 10.2600, 0.2896,
0.2329


 38.3873, 0.2986,
0.2635


 5.5717, 0.2837,
0.2154


 53.7318, 0.3003,
0.2698

 2.5864, 0.2741,
0.1905

 72.7014, 0.3016,
0.2751

 0.9199, 0.2570,
0.1529

 95.6804, 0.3027,
0.2794

 0.0000, 0.2053,
0.0000

123.0532, 0.3036,
0.2832

 0.0000, 0.0000,
0.0000

155.2043, 0.3043,

0.2864

192.5179, 0.3049,
0.2891

■ 17.0358, 0.2936,
0.2458

■ 17.0358, 0.2936,
0.2458

■ 13.8354, 0.2857,
0.2183

■ 20.8116, 0.3006,
0.2730

■ 11.1781, 0.2770,
0.1915

■ 25.1886, 0.3066,
0.2991

■ 9.0316, 0.2677,
0.1665

■ 30.1935, 0.3117,
0.3237

■ 7.3592, 0.2580,
0.1445

■ 35.8510, 0.3160,
0.3466

■ 6.1190, 0.2482,
0.1265

■ 42.1841, 0.3195,
0.3675

■ 5.2617, 0.2388,
0.1131

■ 49.2149, 0.3225,
0.3866

■ 4.7613, 0.2317,
0.1050

■ 56.9644, 0.3248,
0.4038

■ 65.4528, 0.3267,
0.4193

■ 74.6993, 0.3282,
0.4332

Harmonies

Analogous

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



17.0358, 0.2425, 0.2342



17.0358, 0.2936, 0.2458



17.0358, 0.3556, 0.2749

Triad

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



17.0358, 0.2936, 0.2458



17.0358, 0.4214, 0.4067



17.0358, 0.2235, 0.3316

Complementary

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



17.0358, 0.2936, 0.2458



27.5032, 0.3264, 0.4163

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.



17.0358, 0.2652, 0.3934



17.0358, 0.2936, 0.2458



17.0358, 0.3797, 0.4361

Square

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



17.0358, 0.2936, 0.2458



17.0358, 0.4335, 0.3627



17.0358, 0.3223, 0.4342



17.0358, 0.2053, 0.2768

Rectangle

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



17.0358, 0.2936, 0.2458



17.0358, 0.3935, 0.3014



17.0358, 0.3223, 0.4342



17.0358, 0.2350, 0.3527

Sweetspot

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



17.0365, 0.2936, 0.2458



46.1692, 0.3077, 0.3043



19.0181, 0.2613, 0.2731



10.2460, 0.3070, 0.3010



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



17.0365, 0.2936, 0.2458



25.7273, 0.2878, 0.2251



18.4616, 0.3235, 0.2595



6.2101, 0.3082, 0.3067



4.0100, 0.2323, 0.1053



0.0805, 0.2724, 0.1274

Inverse Universe

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



17.7581, 0.3577, 0.2989



27.2968, 0.3727, 0.2916



26.4398, 0.3035, 0.4101



6.2583, 0.3229, 0.3208



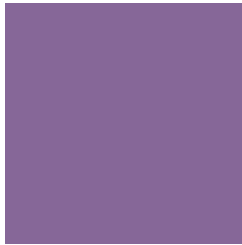
5.8411, 0.5454, 0.2778



0.0939, 0.4426, 0.2212

Previews

White Background



This preview shows how the Yxy color 17.0358, 0.2936, 0.2458 looks on a white background.

Color Contrast Check

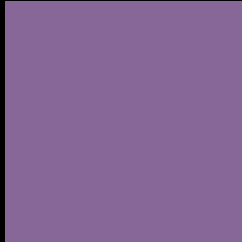
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0358, 0.2936, 0.2458 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 17.0358, 0.2936, 0.2458

Background



This preview shows how black text looks on a background with the Yxy color 17.0358, 0.2936, 0.2458.



This preview shows how white text looks on a background with the Yxy color 17.0358, 0.2936, 0.2458.

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

17.0358, 0.2936, 0.2458

Protanopia

17.1150, 0.2504, 0.2432

Deuteranopia

17.1381, 0.2653, 0.2602



Tritanopia

17.1270, 0.3283, 0.3141

Trichromacy



Original Color

17.0358, 0.2936, 0.2458

Protanomaly

16.8823, 0.2645, 0.2431

Deuteranomaly

16.9536, 0.2748, 0.2533

Tritanomaly

16.9524, 0.3160, 0.2873

Monochromacy



Original Color

17.0358, 0.2936, 0.2458

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7070, 0.3065, 0.2975

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0358, 0.2936, 0.2458 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(134, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(134, 103, 152)  
}
```

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(134, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 103, 152) }
```

Border

The CSS property to change the border of an element to Yxy 17.0358, 0.2936, 0.2458 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(134, 103, 152) }
```

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

```
.border{ border-color:rgb(134, 103, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 103, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(134, 103,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0358, 0.2936, 0.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 103, 152) }
```

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

```
.background{ background-color: rgb(134,  
103, 152) }
```

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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