

Converting Colors

$Y_{xy}(17.0671, 0.3148, 0.2829)$

Have a look what the booklet for
Yxy(17.0671, 0.3148, 0.2829)
contains.

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Color

Yxy(17.0869, 0.3148, 0.2840)

Conversions

Conversions Part 1

Format	Color
Hex	846B84
RGB	132, 107, 132
RGB Percent	52%, 42%, 52%
CMY	0.4823, 0.5804, 0.4823
CMYK	0.00, 0.19, 0.00, 0.48
HSL	300°, 10%, 47%
HSV	300°, 19%, 52%
XYZ	18.9400, 17.0869, 24.1383
YIQ	117.3250, 6.8750, 13.0750

Conversions

Conversions Part 2

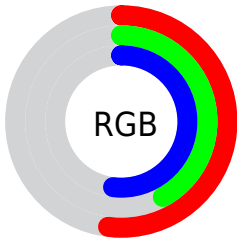
Format	Color
R_{YB}	132, 107, 132
Decimal	8678276
CIE _{Lab}	48.37, 14.59, -10.06
CIE _{LCh}	48, 17.725, 325.408
Yxy	17.0869, 0.3148, 0.2840
Android (android.graphics.Color)	4286868356 (0xFF846B84)
YUV	117.3250, 7.2348, 12.8700
Hunter-Lab	41.3363, 9.4488, -5.6869

Details

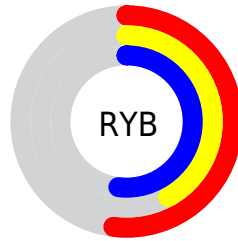
The Yxy color **17.0869, 0.3148, 0.2840** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **20.6977, 0.3104, 0.3785**, and the grayscale version is **17.8715, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2708, 0.3144, 0.2935**, and **5.5463, 0.3137, 0.2634** is the 20% darker color. If you saturate the color by 10%, you get **14.5409, 0.3159, 0.2600**, and if you desaturate by 10%, it is **20.0548, 0.3137, 0.3080**.

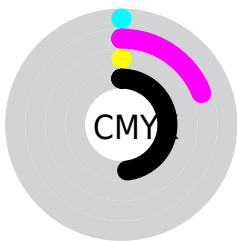
Distribution



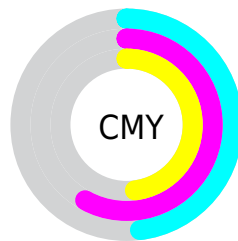
- Red (52%)
- Green (42%)
- Blue (52%)



- Red (52%)
- Yellow (42%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (0%)
- Black (48%)





- Cyan (48%)
- Magenta (58%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0869, 0.3148, 0.2840 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 17.0869, 0.3148, 0.2840 by changing the saturation by 10% instead.


 17.0869, 0.3148,
0.2840

 17.0869, 0.3148,
0.2840


235.6727, 0.3139,
0.3095

 10.2965, 0.3149,
0.2764


 38.4751, 0.3145,
0.2941

 5.5960, 0.3150,
0.2658


 53.8417, 0.3144,
0.2976

 2.6010, 0.3147,
0.2498

 72.8358, 0.3143,
0.3005

 0.9272, 0.3136,
0.2233

 95.8418, 0.3142,
0.3029

 0.0000, 0.2669,
0.0000

123.2441, 0.3141,
0.3049

 0.0000, 0.0000,
0.0000

155.4271, 0.3140,

0.3066

192.7751, 0.3140,
0.3081

■ 17.0869, 0.3148,
0.2840

■ 17.0869, 0.3148,
0.2840

■ 14.5409, 0.3159,
0.2600

■ 20.0548, 0.3137,
0.3080

■ 12.3954, 0.3170,
0.2368

■ 23.4601, 0.3126,
0.3314

■ 10.6309, 0.3180,
0.2152

■ 27.3203, 0.3116,
0.3538

■ 9.2250, 0.3188,
0.1960

■ 31.6513, 0.3106,
0.3748

■ 8.1531, 0.3196,
0.1801

■ 36.4683, 0.3097,
0.3944

■ 7.3876, 0.3201,
0.1679

■ 41.7856, 0.3088,
0.4123

■ 6.8963, 0.3205,
0.1597

■ 47.6172, 0.3081,
0.4288

■ 6.5955, 0.3207,
0.1546

■ 53.9763, 0.3074,
0.4437

■ 6.5654, 0.3207,
0.1540

■ 60.8758, 0.3067,
0.4572

Harmonies

Analogous

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



17.0869, 0.2815, 0.2731



17.0869, 0.3148, 0.2840



17.0869, 0.3493, 0.3053

Triad

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



17.0869, 0.3148, 0.2840



17.0869, 0.3695, 0.3828



17.0869, 0.2546, 0.3201

Complementary

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



17.0869, 0.3148, 0.2840



20.6977, 0.3104, 0.3785

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.



17.0869, 0.2759, 0.3536



17.0869, 0.3148, 0.2840



17.0869, 0.3420, 0.3911

Square

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



17.0869, 0.3148, 0.2840



17.0869, 0.3817, 0.3609



17.0869, 0.3077, 0.3807



17.0869, 0.2482, 0.2917

Rectangle

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



17.0869, 0.3148, 0.2840



17.0869, 0.3676, 0.3233



17.0869, 0.3077, 0.3807



17.0869, 0.2602, 0.3313

Sweetspot

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



17.0876, 0.3148, 0.2840



36.9245, 0.3134, 0.3147



15.3947, 0.2828, 0.2803



8.5250, 0.3134, 0.3134



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



17.0876, 0.3148, 0.2840



27.9540, 0.3153, 0.2730



16.7770, 0.3304, 0.3052



4.7627, 0.3137, 0.3076



6.3544, 0.3207, 0.1540



0.0220, 0.3208, 0.1541

Inverse Universe

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



16.4846, 0.3480, 0.3291



26.6777, 0.3588, 0.3291



20.9691, 0.2981, 0.3541



4.6888, 0.3279, 0.3290



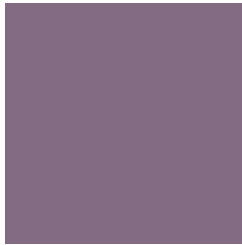
4.7500, 0.6399, 0.3299



0.0165, 0.6393, 0.3296

Previews

White Background



This preview shows how the Yxy color 17.0869, 0.3148, 0.2840 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 17.0869, 0.3148, 0.2840 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

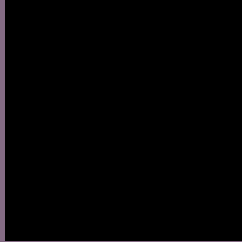
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0869, 0.3148, 0.2840

Background



This preview shows how black text looks on a background with the Yxy color 17.0869, 0.3148, 0.2840.



This preview shows how white text looks on a background with the Yxy color 17.0869, 0.3148, 0.2840.

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

17.0869, 0.3148, 0.2840

Protanopia

17.1558, 0.2818, 0.2850

Deuteranopia

17.1490, 0.2991, 0.2931



Tritanopia

16.9911, 0.3298, 0.3123

Trichromacy



Original Color

17.0869, 0.3148, 0.2840

Protanomaly

16.9697, 0.2933, 0.2839

Deuteranomaly

17.0756, 0.3054, 0.2900

Tritanomaly

16.9805, 0.3248, 0.3014

Monochromacy



Original Color

17.0869, 0.3148, 0.2840

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.3530, 0.3135, 0.3119

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0869, 0.3148, 0.2840 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(132, 107, 132)` looks like.

```
.text, #text, p{  
    color:rgb(132, 107, 132)  
}
```

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(132, 107, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 107, 132) }
```

Border

The CSS property to change the border of an element to Yxy 17.0869, 0.3148, 0.2840 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(132, 107, 132) }
```

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

```
.border{ border-color:rgb(132, 107, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 107, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 107, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 107, 132);  
box-shadow:4px 4px 4px 4px rgb(132, 107,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0869, 0.3148, 0.2840 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 107, 132) }
```

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

```
.background{ background-color: rgb(132,  
107, 132) }
```

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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