

Converting Colors

$Y_{xy}(17.1131, 0.3187, 0.2876)$

Have a look what the booklet for
Yxy(17.1131, 0.3187, 0.2876)
contains.

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Color

Yxy(17.1136, 0.3187, 0.2876)

Conversions

Conversions Part 1

Format	Color
Hex	856B82
RGB	133, 107, 130
RGB Percent	52%, 42%, 51%
CMY	0.4783, 0.5804, 0.4901
CMYK	0.00, 0.20, 0.02, 0.48
HSL	307°, 11%, 47%
HSV	307°, 20%, 52%
XYZ	18.9642, 17.1136, 23.4271
YIQ	117.3960, 8.1130, 12.6650

Conversions

Conversions Part 2

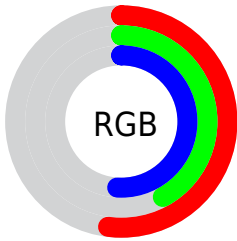
Format	Color
R_{YB}	133, 107, 130
Decimal	8743810
CIE _{Lab}	48.40, 14.57, -8.80
CIE _{LCh}	48, 17.025, 328.858
Yxy	17.1136, 0.3187, 0.2876
Android (android.graphics.Color)	4286933890 (0xFF856B82)
YUV	117.3960, 6.2138, 13.6847
Hunter-Lab	41.3686, 9.4330, -4.6180

Details

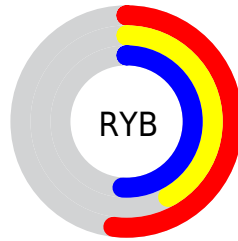
The Yxy color $17.1136, 0.3187, 0.2876$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $21.0351, 0.3072, 0.3742$, and the grayscale version is $17.8981, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.6543, 0.3170, 0.2975$, and $5.5610, 0.3198, 0.2688$ is the 20% darker color. If you saturate the color by 10%, you get $14.5098, 0.3223, 0.2660$, and if you desaturate by 10%, it is $20.1464, 0.3155, 0.3091$.

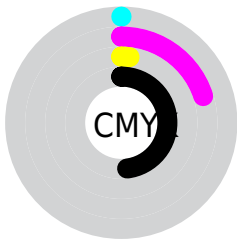
Distribution



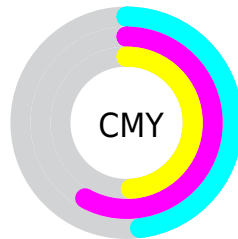
- Red (52%)
- Green (42%)
- Blue (51%)



- Red (52%)
- Yellow (42%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (2%)
- Black (48%)





- Cyan (48%)
- Magenta (58%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.1136, 0.3187, 0.2876 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 17.1136, 0.3187, 0.2876 by changing the saturation by 10% instead.


 17.1136, 0.3187,
0.2876


 17.1136, 0.3187,
0.2876


235.8262, 0.3155,
0.3111


 10.3155, 0.3196,
0.2806


 38.5210, 0.3175,
0.2969


 5.6087, 0.3207,
0.2707


 53.8991, 0.3171,
0.3002

 2.6086, 0.3222,
0.2559

 72.9060, 0.3167,
0.3028

 0.9310, 0.3241,
0.2310

 95.9261, 0.3164,
0.3050

 0.0000, 0.3073,
0.0000

123.3437, 0.3161,
0.3069

 0.0000, 0.0000,
0.0000

155.5434, 0.3159,

0.3085

192.9094, 0.3157,
0.3099

■ 17.1136, 0.3187,
0.2876

■ 17.1136, 0.3187,
0.2876

■ 14.5098, 0.3223,
0.2660

■ 20.1464, 0.3155,
0.3091

■ 12.3131, 0.3262,
0.2449

■ 23.6240, 0.3126,
0.3299

■ 10.5035, 0.3304,
0.2251

■ 27.5644, 0.3101,
0.3497

■ 9.0580, 0.3347,
0.2074

■ 31.9837, 0.3079,
0.3683

■ 7.9514, 0.3391,
0.1928

■ 36.8976, 0.3060,
0.3855

■ 7.1554, 0.3434,
0.1819

■ 42.3207, 0.3044,
0.4015

■ 6.6368, 0.3475,
0.1750

■ 48.2671, 0.3030,
0.4161

■ 6.3016, 0.3514,
0.1712

■ 54.7505, 0.3018,
0.4294

■ 6.2879, 0.3516,
0.1710

■ 61.7840, 0.3008,
0.4415

Harmonies

Analogous

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



17.1136, 0.2861, 0.2758



17.1136, 0.3187, 0.2876



17.1136, 0.3512, 0.3091

Triad

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



17.1136, 0.3187, 0.2876



17.1136, 0.3648, 0.3824



17.1136, 0.2553, 0.3170

Complementary

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



17.1136, 0.3187, 0.2876



21.0351, 0.3072, 0.3742

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.



17.1136, 0.2744, 0.3490



17.1136, 0.3187, 0.2876



17.1136, 0.3373, 0.3883

Square

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



17.1136, 0.3187, 0.2876



17.1136, 0.3785, 0.3626



17.1136, 0.3041, 0.3762



17.1136, 0.2509, 0.2908

Rectangle

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



17.1136, 0.3187, 0.2876



17.1136, 0.3678, 0.3267



17.1136, 0.3041, 0.3762



17.1136, 0.2602, 0.3275

Sweetspot

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



17.1143, 0.3187, 0.2876



38.1089, 0.3144, 0.3163



15.4964, 0.2848, 0.2781



8.5138, 0.3146, 0.3152



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.



17.1143, 0.3187, 0.2876



28.7033, 0.3201, 0.2791



16.7962, 0.3352, 0.3099



4.7538, 0.3153, 0.3100



5.9869, 0.3515, 0.1710



0.0214, 0.3349, 0.1618

Inverse Universe

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



17.1143, 0.3187, 0.2876



28.7033, 0.3201, 0.2791



21.3296, 0.2946, 0.3490



4.7538, 0.3153, 0.3100



5.9869, 0.3515, 0.1710



0.0214, 0.3349, 0.1618

Previews

White Background



This preview shows how the Yxy color 17.1136, 0.3187, 0.2876 looks on a white background.

Color Contrast Check

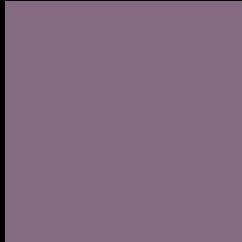
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.1136, 0.3187, 0.2876 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 17.1136, 0.3187, 0.2876

Background



This preview shows how black text looks on a background with the Yxy color 17.1136, 0.3187, 0.2876.



This preview shows how white text looks on a background with the Yxy color 17.1136, 0.3187, 0.2876.

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

17.1136, 0.3187, 0.2876

Protanopia

17.1634, 0.2850, 0.2887

Deuteranopia

17.1664, 0.3027, 0.2968



Tritanopia

17.0706, 0.3312, 0.3124

Trichromacy



Original Color

17.1136, 0.3187, 0.2876

Protanomaly

16.9843, 0.2968, 0.2876

Deuteranomaly

17.0968, 0.3091, 0.2937

Tritanomaly

17.0358, 0.3275, 0.3034

Monochromacy



Original Color

17.1136, 0.3187, 0.2876

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4263, 0.3148, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1136, 0.3187, 0.2876 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(133, 107, 130)` looks like.

```
.text, #text, p{  
    color:rgb(133, 107, 130)  
}
```

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(133, 107, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 107, 130) }
```

Border

The CSS property to change the border of an element to Yxy 17.1136, 0.3187, 0.2876 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(133, 107, 130) }
```

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

```
.border{ border-color:rgb(133, 107, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 107, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 107, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 107, 130);  
box-shadow:4px 4px 4px 4px rgb(133, 107,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1136, 0.3187, 0.2876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 107, 130) }
```

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

```
.background{ background-color: rgb(133,  
107, 130) }
```

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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