

Converting Colors

$Y_{xy}(17.1371, 0.3022, 0.2664)$

Have a look what the booklet for
Yxy(17.1371, 0.3022, 0.2664)
contains.

Yxy(17.0864, 0.3014, 0.2655)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.0864, 0.3014, 0.2655)

Conversions

Conversions Part 1

Format	Color
Hex	836A8E
RGB	131, 106, 142
RGB Percent	51%, 42%, 56%
CMY	0.4863, 0.5843, 0.4431
CMYK	0.08, 0.25, 0.00, 0.44
HSL	282°, 15%, 49%
HSV	282°, 25%, 56%
XYZ	19.3968, 17.0864, 27.8724
YIQ	117.5790, 3.3440, 16.4960

Conversions

Conversions Part 2

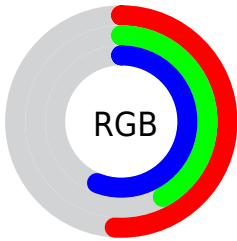
Format	Color
R _{YB}	131, 106, 142
Decimal	8612494
CIE Lab	48.37, 16.92, -16.01
CIE LCh	48, 23.296, 316.590
Yxy	17.0864, 0.3014, 0.2655
Android (android.graphics.Color)	4286802574 (0xFF836A8E)
YUV	117.5790, 12.0396, 11.7702
Hunter-Lab	41.3357, 11.4236, -11.0439

Details

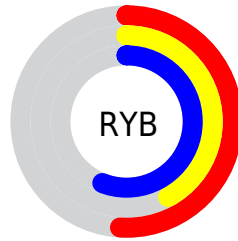
The Yxy color **17.0864, 0.3014, 0.2655** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **24.1746, 0.3213, 0.3959**, and the grayscale version is **17.9398, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.2898, 0.3039, 0.2785**, and **5.5481, 0.2945, 0.2389** is the 20% darker color. If you saturate the color by 10%, you get **14.0586, 0.2956, 0.2389**, and if you desaturate by 10%, it is **20.6149, 0.3064, 0.2915**.

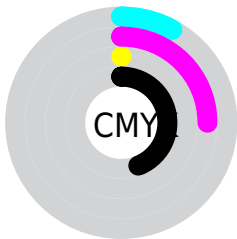
Distribution



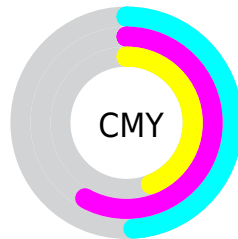
- Red (51%)
- Green (42%)
- Blue (56%)



- Red (51%)
- Yellow (42%)
- Blue (56%)



- Cyan (8%)
- Magenta (25%)
- Yellow (0%)
- Black (44%)




- Cyan (49%)
- Magenta (58%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.0864, 0.3014, 0.2655 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 17.0864, 0.3014, 0.2655 by changing the saturation by 10% instead.


 17.0864, 0.3014,
0.2655


 17.0864, 0.3014,
0.2655


235.6698, 0.3085,
0.3010


 10.2961, 0.2990,
0.2552


 38.4743, 0.3044,
0.2794


 5.5957, 0.2953,
0.2409


 53.8406, 0.3054,
0.2843

 2.6009, 0.2892,
0.2200

 72.8345, 0.3062,
0.2884

 0.9271, 0.2778,
0.1867

 95.8402, 0.3068,
0.2917

 0.0000, 0.2074,
0.0000

123.2422, 0.3073,
0.2946

 0.0000, 0.0000,
0.0000

155.4249, 0.3078,

0.2970

192.7726, 0.3082,
0.2991

■ 17.0864, 0.3014,
0.2655

■ 17.0864, 0.3014,
0.2655

■ 14.0586, 0.2956,
0.2389

■ 20.6149, 0.3064,
0.2915

■ 11.5054, 0.2890,
0.2125

■ 24.6645, 0.3107,
0.3163

■ 9.4014, 0.2818,
0.1872

■ 29.2566, 0.3143,
0.3396

■ 7.7181, 0.2740,
0.1642

■ 34.4114, 0.3172,
0.3611

■ 6.4234, 0.2659,
0.1445

■ 40.1474, 0.3196,
0.3809

■ 5.4807, 0.2579,
0.1289

■ 46.4828, 0.3216,
0.3988

■ 4.8388, 0.2500,
0.1177

■ 53.4346, 0.3231,
0.4150

■ 4.5812, 0.2463,
0.1131

■ 61.0192, 0.3243,
0.4297

■ 69.2527, 0.3252,
0.4428

Harmonies

Analogous

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



17.0864, 0.2612, 0.2559



17.0864, 0.3014, 0.2655



17.0864, 0.3478, 0.2891

Triad

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



17.0864, 0.3014, 0.2655



17.0864, 0.3940, 0.3913



17.0864, 0.2434, 0.3294

Complementary

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



17.0864, 0.3014, 0.2655



24.1746, 0.3213, 0.3959

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.



17.0864, 0.2753, 0.3740



17.0864, 0.3014, 0.2655



17.0864, 0.3624, 0.4100

Square

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



17.0864, 0.3014, 0.2655



17.0864, 0.4035, 0.3587



17.0864, 0.3187, 0.4050



17.0864, 0.2297, 0.2889

Rectangle

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



17.0864, 0.3014, 0.2655



17.0864, 0.3753, 0.3105



17.0864, 0.3187, 0.4050



17.0864, 0.2523, 0.3447

Sweetspot

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



17.0871, 0.3014, 0.2655



41.3834, 0.3096, 0.3095



17.8355, 0.2727, 0.2822



9.0211, 0.3090, 0.3061



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.



17.0871, 0.3014, 0.2655



27.2061, 0.2984, 0.2515



17.8218, 0.3239, 0.2786



5.4294, 0.3092, 0.3070



4.1223, 0.2467, 0.1132



0.0510, 0.2828, 0.1332

Inverse Universe

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



17.3458, 0.3485, 0.3096



27.7713, 0.3584, 0.3053



23.5981, 0.3033, 0.3852



5.4496, 0.3237, 0.3223



5.3259, 0.5677, 0.2901



0.0545, 0.4619, 0.2318

Previews

White Background



This preview shows how the Yxy color 17.0864, 0.3014, 0.2655 looks on a white background.

Color Contrast Check

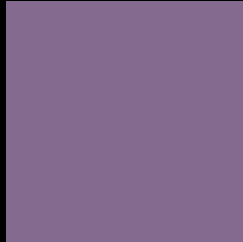
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.0864, 0.3014, 0.2655 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

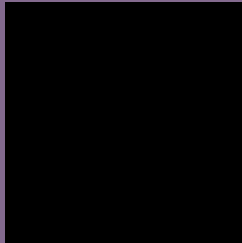
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.0864, 0.3014, 0.2655

Background



This preview shows how black text looks on a background with the Yxy color 17.0864, 0.3014, 0.2655.



This preview shows how white text looks on a background with the Yxy color 17.0864, 0.3014, 0.2655.

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

17.0864, 0.3014, 0.2655

Protanopia

17.2369, 0.2664, 0.2653

Deuteranopia

17.2441, 0.2809, 0.2765



Tritanopia

16.9958, 0.3243, 0.3121

Trichromacy



Original Color

17.0864, 0.3014, 0.2655

Protanomaly

17.0890, 0.2778, 0.2646

Deuteranomaly

17.0680, 0.2890, 0.2721

Tritanomaly

17.0588, 0.3156, 0.2958

Monochromacy



Original Color

17.0864, 0.3014, 0.2655

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.7779, 0.3087, 0.3047

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.0864, 0.3014, 0.2655 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(131, 106, 142)` looks like.

```
.text, #text, p{  
    color:rgb(131, 106, 142)  
}
```

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(131, 106, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 106, 142) }
```

Border

The CSS property to change the border of an element to Yxy 17.0864, 0.3014, 0.2655 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(131, 106, 142) }
```

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

```
.border{ border-color:rgb(131, 106, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 106, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 106, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 106, 142);  
box-shadow:4px 4px 4px 4px rgb(131, 106,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 17.0864, 0.3014, 0.2655 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 106, 142) }
```

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

```
.background{ background-color: rgb(131,  
106, 142) }
```

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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