

Converting Colors

$Y_{xy}(17.5181, 0.3079, 0.2828)$

Have a look what the booklet for
Yxy(17.5181, 0.3079, 0.2828)
contains.

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Color

Yxy(17.4324, 0.3084, 0.2822)

Conversions

Conversions Part 1

Format	Color
Hex	826D87
RGB	130, 109, 135
RGB Percent	51%, 43%, 53%
CMY	0.4901, 0.5726, 0.4705
CMYK	0.04, 0.19, 0.00, 0.47
HSL	288°, 11%, 48%
HSV	288°, 19%, 53%
XYZ	19.0509, 17.4324, 25.2900
YIQ	118.2430, 4.1700, 12.5380

Conversions

Conversions Part 2

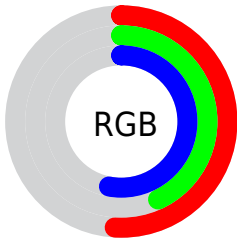
Format	Color
R_{YB}	130, 109, 135
Decimal	8547719
CIE _{Lab}	48.80, 13.30, -11.22
CIE _{LCh}	49, 17.399, 319.866
Yxy	17.4324, 0.3084, 0.2822
Android (android.graphics.Color)	4286737799 (0xFF826D87)
YUV	118.2430, 8.2612, 10.3109
Hunter-Lab	41.7521, 8.3806, -6.6864

Details

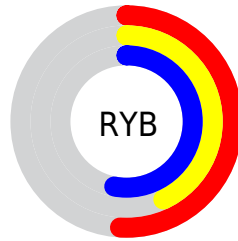
The Yxy color **17.4324, 0.3084, 0.2822** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **22.0151, 0.3160, 0.3787**, and the grayscale version is **18.1706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.1879, 0.3097, 0.2935**, and **5.6988, 0.3055, 0.2631** is the 20% darker color. If you saturate the color by 10%, you get **14.5678, 0.3055, 0.2568**, and if you desaturate by 10%, it is **20.7463, 0.3108, 0.3070**.

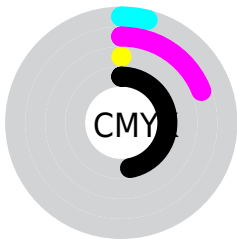
Distribution



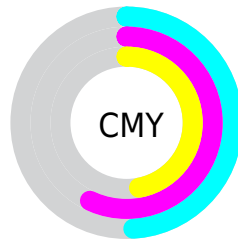
- Red (51%)
- Green (43%)
- Blue (53%)



- Red (51%)
- Yellow (43%)
- Blue (53%)



- Cyan (4%)
- Magenta (19%)
- Yellow (0%)
- Black (47%)




- Cyan (49%)
- Magenta (57%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.4324, 0.3084, 0.2822 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 17.4324, 0.3084, 0.2822 by changing the saturation by 10% instead.


 17.4324, 0.3084,
0.2822


 17.4324, 0.3084,
0.2822


237.6520, 0.3112,
0.3086

 10.5433, 0.3074,
0.2744


 39.0677, 0.3096,
0.2926


 5.7606, 0.3058,
0.2634


 54.5827, 0.3100,
0.2963

 2.7001, 0.3030,
0.2471

 73.7418, 0.3103,
0.2993

 0.9772, 0.2976,
0.2202

 96.9293, 0.3106,
0.3018

 0.0000, 0.2369,
0.0000

124.5297, 0.3108,
0.3039

 0.0000, 0.0000,
0.0000

156.9274, 0.3110,

0.3057

194.5067, 0.3111,
0.3072

■ 17.4324, 0.3084,
0.2822

■ 17.4324, 0.3084,
0.2822

■ 14.5678, 0.3055,
0.2568

■ 20.7463, 0.3108,
0.3070

■ 12.1299, 0.3020,
0.2315

■ 24.5260, 0.3128,
0.3307

■ 10.0979, 0.2981,
0.2072

■ 28.7901, 0.3144,
0.3529

■ 8.4480, 0.2938,
0.1847

■ 33.5554, 0.3157,
0.3736

■ 7.1541, 0.2891,
0.1651

■ 38.8381, 0.3166,
0.3925

■ 6.1868, 0.2842,
0.1492

■ 44.6533, 0.3173,
0.4098

■ 5.5119, 0.2792,
0.1374

■ 51.0158, 0.3178,
0.4256

■ 5.0385, 0.2743,
0.1289

■ 57.9397, 0.3181,
0.4397

■ 5.0053, 0.2739,
0.1283

■ 65.4386, 0.3183,
0.4526

Harmonies

Analogous

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



17.4324, 0.2771, 0.2738



17.4324, 0.3084, 0.2822



17.4324, 0.3426, 0.3015

Triad

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



17.4324, 0.3084, 0.2822



17.4324, 0.3716, 0.3784



17.4324, 0.2588, 0.3264

Complementary

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



17.4324, 0.3084, 0.2822



22.0151, 0.3160, 0.3787

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.



17.4324, 0.2820, 0.3587



17.4324, 0.3084, 0.2822



17.4324, 0.3471, 0.3893

Square

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



17.4324, 0.3084, 0.2822



17.4324, 0.3801, 0.3554



17.4324, 0.3141, 0.3826



17.4324, 0.2497, 0.2971

Rectangle

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



17.4324, 0.3084, 0.2822



17.4324, 0.3619, 0.3184



17.4324, 0.3141, 0.3826



17.4324, 0.2651, 0.3373

Sweetspot

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



17.4331, 0.3084, 0.2822



39.1744, 0.3115, 0.3146



17.0804, 0.2827, 0.2888



8.9895, 0.3114, 0.3133



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



17.4331, 0.3084, 0.2822



28.9388, 0.3072, 0.2715



17.6265, 0.3247, 0.2964



4.7188, 0.3109, 0.3074



4.6194, 0.2741, 0.1283



0.0189, 0.2980, 0.1415

Inverse Universe

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



17.3035, 0.3420, 0.3199



28.6780, 0.3502, 0.3178



21.8644, 0.3025, 0.3640



4.7023, 0.3251, 0.3248



4.8200, 0.6032, 0.3097



0.0175, 0.5106, 0.2587

Previews

White Background



This preview shows how the Yxy color 17.4324, 0.3084, 0.2822 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 17.4324, 0.3084, 0.2822 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 17.4324, 0.3084, 0.2822

Background



This preview shows how black text looks on a background with the Yxy color 17.4324, 0.3084, 0.2822.



This preview shows how white text looks on a background with the Yxy color 17.4324, 0.3084, 0.2822.

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

17.4324, 0.3084, 0.2822

Protanopia

17.5051, 0.2810, 0.2835

Deuteranopia

17.4534, 0.2957, 0.2897



Tritanopia

17.5336, 0.3240, 0.3141

Trichromacy



Original Color

17.4324, 0.3084, 0.2822

Protanomaly

17.4968, 0.2900, 0.2825

Deuteranomaly

17.5205, 0.3006, 0.2884

Tritanomaly

17.5167, 0.3192, 0.3032

Monochromacy



Original Color

17.4324, 0.3084, 0.2822

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.8543, 0.3110, 0.3120

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.4324, 0.3084, 0.2822 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(130, 109, 135)` looks like.

```
.text, #text, p{  
    color:rgb(130, 109, 135)  
}
```

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(130, 109, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 109, 135) }
```

Border

The CSS property to change the border of an element to Yxy 17.4324, 0.3084, 0.2822 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(130, 109, 135) }
```

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

```
.border{ border-color:rgb(130, 109, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 109, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 109, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 109, 135);  
box-shadow:4px 4px 4px 4px rgb(130, 109,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 17.4324, 0.3084, 0.2822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 109, 135) }
```

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

```
.background{ background-color: rgb(130,  
109, 135) }
```

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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