

Converting Colors

$Y_{xy}(17.2461, 0.3010, 0.2793)$

Have a look what the booklet for
Yxy(17.2461, 0.3010, 0.2793)
contains.

Yxy(17.1790, 0.3009, 0.2781)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.1790, 0.3009, 0.2781)

Conversions

Conversions Part 1

Format	Color
Hex	7E6D89
RGB	126, 109, 137
RGB Percent	49%, 43%, 54%
CMY	0.5059, 0.5725, 0.4627
CMYK	0.08, 0.20, 0.00, 0.46
HSL	276°, 11%, 48%
HSV	276°, 20%, 54%
XYZ	18.5874, 17.1790, 26.0063
YIQ	117.2750, 1.1440, 12.3120

Conversions

Conversions Part 2

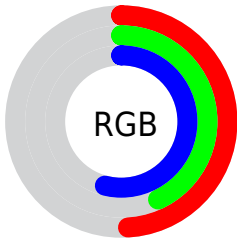
Format	Color
R_{YB}	126, 109, 137
Decimal	8285577
CIE _{Lab}	48.48, 12.27, -12.91
CIE _{LCh}	48, 17.810, 313.546
Yxy	17.1790, 0.3009, 0.2781
Android (android.graphics.Color)	4286475657 (0xFF7E6D89)
YUV	117.2750, 9.7244, 7.6518
Hunter-Lab	41.4476, 7.5162, -8.1883

Details

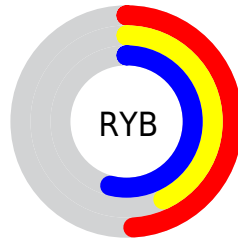
The Yxy color $17.1790, 0.3009, 0.2781$ is a dark color, and the websafe version is hex 666699 . A complement of this color would be $22.9930, 0.3225, 0.3811$, and the grayscale version is $17.8480, 0.3127, 0.3290$.

A 20% lighter version of the original color is $38.7911, 0.3044, 0.2906$, and $5.6034, 0.2957, 0.2569$ is the 20% darker color. If you saturate the color by 10%, you get $14.0818, 0.2937, 0.2512$, and if you desaturate by 10%, it is $20.7554, 0.3072, 0.3039$.

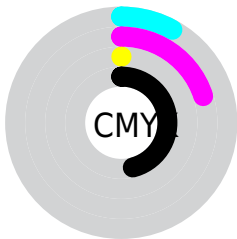
Distribution



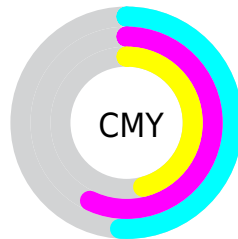
- Red (49%)
- Green (43%)
- Blue (54%)



- Red (49%)
- Yellow (43%)
- Blue (54%)



- Cyan (8%)
- Magenta (20%)
- Yellow (0%)
- Black (46%)



- Cyan (51%)
- Magenta (57%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.1790, 0.3009, 0.2781 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 17.1790, 0.3009, 0.2781 by changing the saturation by 10% instead.

■ 17.1790, 0.3009,
0.2781

■ 17.1790, 0.3009,
0.2781

■ 236.2018, 0.3081,
0.3068

■ 10.3622, 0.2985,
0.2696

■ 38.6333, 0.3039,
0.2895

■ 5.6398, 0.2950,
0.2577

■ 54.0395, 0.3049,
0.2935

■ 2.6273, 0.2892,
0.2399

■ 73.0778, 0.3057,
0.2967

■ 0.9404, 0.2785,
0.2107

■ 96.1323, 0.3063,
0.2994

■ 0.0000, 0.1629,
0.0000

■ 123.5876, 0.3069,
0.3017

■ 0.0000, 0.0000,
0.0000

155.8280, 0.3073,

0.3037

193.2379, 0.3077,
0.3054

■ 17.1790, 0.3009,
0.2781

■ 17.1790, 0.3009,
0.2781

■ 14.0818, 0.2937,
0.2512

■ 20.7554, 0.3072,
0.3039

■ 11.4403, 0.2855,
0.2237

■ 24.8289, 0.3125,
0.3280

■ 9.2321, 0.2764,
0.1965

■ 29.4190, 0.3170,
0.3503

■ 7.4321, 0.2666,
0.1707

■ 34.5436, 0.3207,
0.3707

■ 6.0125, 0.2563,
0.1476

■ 40.2197, 0.3238,
0.3891

4.9420, 0.2460,
0.1282

46.4635, 0.3263,
0.4058

4.1838, 0.2360,
0.1133

53.2906, 0.3283,
0.4208

3.6498, 0.2267,
0.1023

60.7160, 0.3300,
0.4343

68.7540, 0.3313,
0.4463

Harmonies

Analogous

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



17.1790, 0.2705, 0.2721



17.1790, 0.3009, 0.2781



17.1790, 0.3362, 0.2958

Triad

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



17.1790, 0.3009, 0.2781



17.1790, 0.3767, 0.3755



17.1790, 0.2612, 0.3334

Complementary

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



17.1790, 0.3009, 0.2781



22.9930, 0.3225, 0.3811

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.



17.1790, 0.2875, 0.3659



17.1790, 0.3009, 0.2781



17.1790, 0.3543, 0.3901

Square

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



17.1790, 0.3009, 0.2781



17.1790, 0.3814, 0.3502



17.1790, 0.3215, 0.3873



17.1790, 0.2486, 0.3017

Rectangle

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



17.1790, 0.3009, 0.2781



17.1790, 0.3576, 0.3124



17.1790, 0.3215, 0.3873



17.1790, 0.2687, 0.3447

Sweetspot

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



17.1797, 0.3009, 0.2781



40.1938, 0.3096, 0.3145



18.5408, 0.2814, 0.2970



8.9286, 0.3093, 0.3132



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.



17.1797, 0.3009, 0.2781



27.8210, 0.2973, 0.2644



17.9847, 0.3185, 0.2849



5.0324, 0.3079, 0.3070



3.4063, 0.2270, 0.1024



0.0311, 0.2702, 0.1262

Inverse Universe

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



17.6143, 0.3367, 0.3092



28.7884, 0.3443, 0.3040



22.3110, 0.3074, 0.3775



5.0791, 0.3223, 0.3204



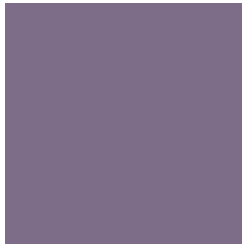
5.2036, 0.5338, 0.2714



0.0373, 0.4325, 0.2156

Previews

White Background



This preview shows how the Yxy color 17.1790, 0.3009, 0.2781 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 17.1790, 0.3009, 0.2781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

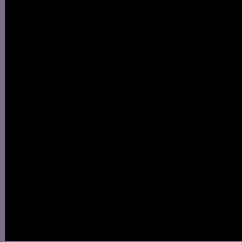
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.1790, 0.3009, 0.2781

Background



This preview shows how black text looks on a background with the Yxy color 17.1790, 0.3009, 0.2781.



This preview shows how white text looks on a background with the Yxy color 17.1790, 0.3009, 0.2781.

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

17.1790, 0.3009, 0.2781

Protanopia

17.2089, 0.2765, 0.2777

Deuteranopia

17.3008, 0.2898, 0.2857



Tritanopia

17.1798, 0.3161, 0.3119

Trichromacy



Original Color

17.1790, 0.3009, 0.2781

Protanomaly

17.1266, 0.2842, 0.2766

Deuteranomaly

17.3590, 0.2946, 0.2844

Tritanomaly

17.1863, 0.3102, 0.2990

Monochromacy



Original Color

17.1790, 0.3009, 0.2781

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.4829, 0.3085, 0.3099

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.1790, 0.3009, 0.2781 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(126, 109, 137)` looks like.

```
.text, #text, p{  
    color:rgb(126, 109, 137)  
}
```

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(126, 109, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 109, 137) }
```

Border

The CSS property to change the border of an element to Yxy 17.1790, 0.3009, 0.2781 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(126, 109, 137) }
```

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

```
.border{ border-color:rgb(126, 109, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(126, 109, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 109, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 109, 137);  
box-shadow:4px 4px 4px 4px rgb(126, 109,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 17.1790, 0.3009, 0.2781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 109, 137) }
```

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

```
.background{ background-color: rgb(126,  
109, 137) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor