

Converting Colors

$Y_{xy}(17.8091, 0.3260, 0.3003)$

Have a look what the booklet for
Yxy(17.8091, 0.3260, 0.3003)
contains.

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Color

Yxy(17.8091, 0.3260, 0.3003)

Conversions

Conversions Part 1

Format	Color
Hex	876E7E
RGB	135, 110, 126
RGB Percent	53%, 43%, 49%
CMY	0.4706, 0.5686, 0.5058
CMYK	0.00, 0.19, 0.07, 0.47
HSL	322°, 10%, 48%
HSV	322°, 19%, 53%
XYZ	19.3332, 17.8091, 22.1620
YIQ	119.2990, 9.7640, 10.2760

Conversions

Conversions Part 2

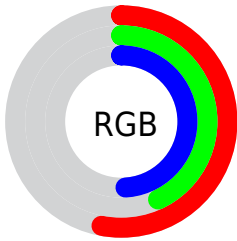
Format	Color
R_{YB}	135, 110, 126
Decimal	8875646
CIE _{Lab}	49.26, 12.74, -5.12
CIE _{LCh}	49, 13.735, 338.099
Yxy	17.8091, 0.3260, 0.3003
Android (android.graphics.Color)	4287065726 (0xFF876E7E)
YUV	119.2990, 3.3036, 13.7698
Hunter-Lab	42.2008, 7.9237, -1.5959

Details

The Yxy color **17.8091, 0.3260, 0.3003** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.9726, 0.3015, 0.3595**, and the grayscale version is **18.5349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.7867, 0.3222, 0.3067**, and **5.9124, 0.3317, 0.2881** is the 20% darker color. If you saturate the color by 10%, you get **14.9931, 0.3350, 0.2841**, and if you desaturate by 10%, it is **21.0766, 0.3183, 0.3161**.

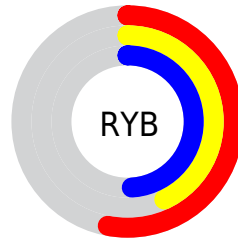
Distribution



Red (53%)

Green (43%)

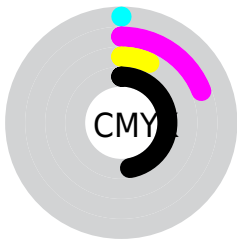
Blue (49%)



Red (53%)

Yellow (43%)

Blue (49%)

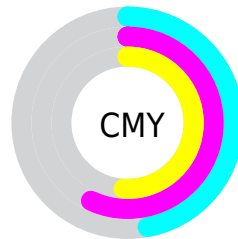


Cyan (0%)

Magenta (19%)

Yellow (7%)

Black (47%)



Cyan (47%)


Magenta (57%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8091, 0.3260, 0.3003 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 17.8091, 0.3260, 0.3003 by changing the saturation by 10% instead.


 17.8091, 0.3260,
0.3003


 17.8091, 0.3260,
0.3003


239.7928, 0.3185,
0.3166

 10.8130, 0.3283,
0.2954


 39.7118, 0.3230,
0.3068


 5.9412, 0.3315,
0.2885


 55.3871, 0.3220,
0.3091

 2.8094, 0.3363,
0.2779

 74.7244, 0.3211,
0.3109

 1.0330, 0.3446,
0.2601

 98.1079, 0.3204,
0.3124

 0.0000, 0.4644,
0.0000

125.9222, 0.3198,
0.3137

 0.0000, 0.0000,
0.0000

158.5515, 0.3193,

0.3148

196.3802, 0.3188,
0.3158

■ 17.8091, 0.3260,
0.3003

■ 17.8091, 0.3260,
0.3003

■ 14.9931, 0.3350,
0.2841

■ 21.0766, 0.3183,
0.3161

■ 12.6060, 0.3454,
0.2679

■ 24.8120, 0.3118,
0.3312

■ 10.6271, 0.3573,
0.2524

■ 29.0338, 0.3063,
0.3454

■ 9.0328, 0.3706,
0.2385

■ 33.7589, 0.3018,
0.3586

■ 7.7972, 0.3851,
0.2271

■ 39.0033, 0.2979,
0.3708

■ 6.8909, 0.4004,
0.2192

■ 44.7823, 0.2947,
0.3821

■ 6.2804, 0.4159,
0.2158

■ 51.1105, 0.2921,
0.3924

■ 5.8856, 0.4316,
0.2163

■ 58.0021, 0.2898,
0.4019

■ 5.8301, 0.4340,
0.2164

■ 65.4707, 0.2880,
0.4105

Harmonies

Analogous

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



17.8091, 0.2992, 0.2880



17.8091, 0.3260, 0.3003



17.8091, 0.3500, 0.3196

Triad

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



17.8091, 0.3260, 0.3003



17.8091, 0.3486, 0.3744



17.8091, 0.2642, 0.3126

Complementary

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



17.8091, 0.3260, 0.3003



21.9726, 0.3015, 0.3595

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.



17.8091, 0.2763, 0.3372



17.8091, 0.3260, 0.3003



17.8091, 0.3246, 0.3743

Square

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



17.8091, 0.3260, 0.3003



17.8091, 0.3632, 0.3620



17.8091, 0.2982, 0.3605



17.8091, 0.2644, 0.2940

Rectangle

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



17.8091, 0.3260, 0.3003



17.8091, 0.3607, 0.3344



17.8091, 0.2982, 0.3605



17.8091, 0.2669, 0.3205

Sweetspot

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



17.8099, 0.3260, 0.3003



39.2611, 0.3167, 0.3198



16.8062, 0.2942, 0.2821



9.0113, 0.3170, 0.3189



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.



17.8099, 0.3260, 0.3003



29.7944, 0.3294, 0.2939



17.5124, 0.3421, 0.3222



4.7352, 0.3187, 0.3152



5.3794, 0.4335, 0.2162



0.0200, 0.3731, 0.1829

Inverse Universe

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



17.8099, 0.3260, 0.3003



29.7944, 0.3294, 0.2939



22.2864, 0.2895, 0.3359



4.7352, 0.3187, 0.3152



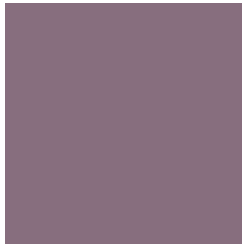
5.3794, 0.4335, 0.2162



0.0200, 0.3731, 0.1829

Previews

White Background



This preview shows how the Yxy color 17.8091, 0.3260, 0.3003 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 17.8091, 0.3260, 0.3003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

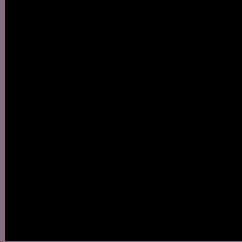
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8091, 0.3260, 0.3003

Background



This preview shows how black text looks on a background with the Yxy color 17.8091, 0.3260, 0.3003.



This preview shows how white text looks on a background with the Yxy color 17.8091, 0.3260, 0.3003.

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

17.8091, 0.3260, 0.3003

Protanopia

17.8155, 0.2966, 0.3023

Deuteranopia

17.8753, 0.3137, 0.3085



Tritanopia

17.7933, 0.3322, 0.3127

Trichromacy



Original Color

17.8091, 0.3260, 0.3003

Protanomaly

17.8306, 0.3064, 0.3010

Deuteranomaly

17.9581, 0.3190, 0.3070

Tritanomaly

17.8424, 0.3296, 0.3091

Monochromacy



Original Color

17.8091, 0.3260, 0.3003

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2559, 0.3171, 0.3178

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8091, 0.3260, 0.3003 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(135, 110, 126)` looks like.

```
.text, #text, p{  
    color:rgb(135, 110, 126)  
}
```

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(135, 110, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 110, 126) }
```

Border

The CSS property to change the border of an element to Yxy 17.8091, 0.3260, 0.3003 is called "border". The border property can be set on classes, ids or directly on the HTML element.

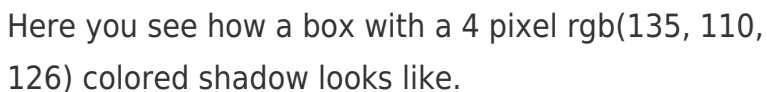
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(135, 110, 126) }
```

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

```
.border{ border-color:rgb(135, 110, 126) }
```

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



Here you see how a box with a 4 pixel `rgb(135, 110, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 110, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 110, 126);  
box-shadow:4px 4px 4px 4px rgb(135, 110,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8091, 0.3260, 0.3003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 110, 126) }
```

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

```
.background{ background-color: rgb(135,  
110, 126) }
```

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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