

Converting Colors

$Y_{xy}(15.8598, 0.3172, 0.3127)$

Have a look what the booklet for
Yxy(15.8598, 0.3172, 0.3127)
contains.

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Color

Yxy(15.9080, 0.3175, 0.3133)

Conversions

Conversions Part 1

Format	Color
Hex	776C74
RGB	119, 108, 116
RGB Percent	47%, 42%, 45%
CMY	0.5334, 0.5764, 0.5451
CMYK	0.00, 0.09, 0.02, 0.53
HSL	316°, 5%, 45%
HSV	316°, 9%, 47%
XYZ	16.1213, 15.9080, 18.7464
YIQ	112.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

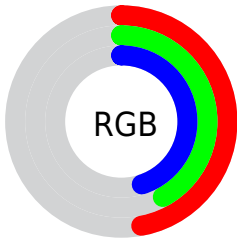
Format	Color
R_{YB}	119, 108, 116
Decimal	7826548
CIE Lab	46.85, 5.85, -2.89
CIE LCh	47, 6.529, 333.685
Yxy	15.9080, 0.3175, 0.3133
Android (android.graphics.Color)	4286016628 (0xFF776C74)
YUV	112.2010, 1.8729, 5.9627
Hunter-Lab	39.8848, 2.3504, 0.0524

Details

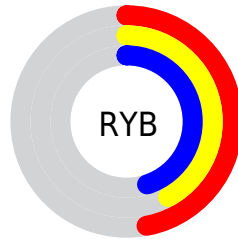
The Yxy color **15.9080, 0.3175, 0.3133** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **17.5255, 0.3082, 0.3452**, and the grayscale version is **16.2587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2814, 0.3162, 0.3164**, and **5.0944, 0.3204, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **13.4939, 0.3235, 0.2956**, and if you desaturate by 10%, it is **18.6686, 0.3123, 0.3303**.

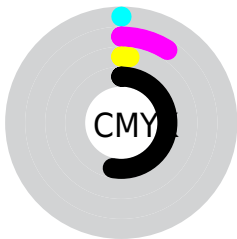
Distribution



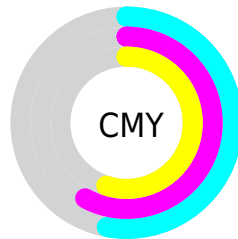
- Red (47%)
- Green (42%)
- Blue (45%)



- Red (47%)
- Yellow (42%)
- Blue (45%)



- Cyan (0%)
- Magenta (9%)
- Yellow (2%)
- Black (53%)





- Cyan (53%)
- Magenta (58%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.9080, 0.3175, 0.3133 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 15.9080, 0.3175, 0.3133 by changing the saturation by 10% instead.


 15.9080, 0.3175,
0.3133


 15.9080, 0.3175,
0.3133


228.7982, 0.3147,
0.3225


 9.4591, 0.3184,
0.3104


 36.4384, 0.3164,
0.3170


 5.0418, 0.3196,
0.3062

 51.2887, 0.3160,
0.3183

 2.2718, 0.3216,
0.2996

 69.7082, 0.3157,
0.3193

 0.7587, 0.3258,
0.2860

 92.0814, 0.3154,
0.3202

 0.0000, 0.0000,
0.0000

118.7926, 0.3152,
0.3209

150.2262, 0.3150,

0.3215

186.7666, 0.3149,
0.3220

■ 15.9080, 0.3175,
0.3133

■ 15.9080, 0.3175,
0.3133

■ 13.4939, 0.3235,
0.2956

■ 18.6686, 0.3123,
0.3303

■ 11.4105, 0.3304,
0.2776

■ 21.7868, 0.3080,
0.3464

■ 9.6437, 0.3383,
0.2597

■ 25.2755, 0.3042,
0.3614

■ 8.1776, 0.3471,
0.2427

■ 29.1465, 0.3011,
0.3753

■ 6.9951, 0.3568,
0.2273

■ 33.4110, 0.2985,
0.3882

6.0770, 0.3670,
0.2145

38.0799, 0.2963,
0.4000

5.4022, 0.3777,
0.2052

43.1634, 0.2944,
0.4108

4.9459, 0.3885,
0.2001

48.6715, 0.2929,
0.4208

4.6287, 0.3993,
0.1980

54.6140, 0.2916,
0.4299

Harmonies

Analogous

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



15.9080, 0.3043, 0.3077



15.9080, 0.3175, 0.3133



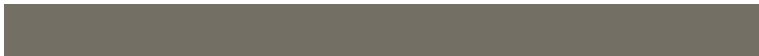
15.9080, 0.3296, 0.3229

Triad

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



15.9080, 0.3175, 0.3133



15.9080, 0.3319, 0.3509



15.9080, 0.2889, 0.3230

Complementary

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



15.9080, 0.3175, 0.3133



17.5255, 0.3082, 0.3452

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.



15.9080, 0.2960, 0.3350



15.9080, 0.3175, 0.3133



15.9080, 0.3208, 0.3514

Square

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



15.9080, 0.3175, 0.3133



15.9080, 0.3380, 0.3445



15.9080, 0.3076, 0.3455



15.9080, 0.2880, 0.3130

Rectangle

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



15.9080, 0.3175, 0.3133



15.9080, 0.3353, 0.3304



15.9080, 0.3076, 0.3455



15.9080, 0.2906, 0.3269

Sweetspot

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



15.9087, 0.3175, 0.3133



31.4615, 0.3142, 0.3238



15.4336, 0.3030, 0.3069



7.3707, 0.3146, 0.3226



62.0916, 0.3127, 0.3290



7.8288, 0.3127, 0.3290

Same Dimension

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



15.9087, 0.3175, 0.3133



27.5580, 0.3187, 0.3097



15.7857, 0.3245, 0.3240



3.7418, 0.3174, 0.3137



4.8920, 0.4004, 0.1980



23.6904, 0.4057, 0.2009

Inverse Universe

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



15.9087, 0.3175, 0.3133



27.5580, 0.3187, 0.3097



17.6490, 0.3021, 0.3341



3.7418, 0.3174, 0.3137



4.8920, 0.4004, 0.1980



23.6904, 0.4057, 0.2009

Previews

White Background



This preview shows how the Yxy color 15.9080, 0.3175, 0.3133 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 15.9080, 0.3175, 0.3133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

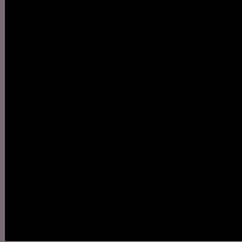
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.9080, 0.3175, 0.3133

Background



This preview shows how black text looks on a background with the Yxy color 15.9080, 0.3175, 0.3133.



This preview shows how white text looks on a background with the Yxy color 15.9080, 0.3175, 0.3133.

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

15.9080, 0.3175, 0.3133

Protanopia

15.8157, 0.3054, 0.3149

Deuteranopia

15.9791, 0.3189, 0.3134



Tritanopia

15.9080, 0.3175, 0.3133

Trichromacy



Original Color

15.9080, 0.3175, 0.3133

Protanomaly

15.7990, 0.3094, 0.3130

Deuteranomaly

15.9791, 0.3189, 0.3134

Tritanomaly

15.9080, 0.3175, 0.3133

Monochromacy



Original Color

15.9080, 0.3175, 0.3133

Achromatopsia

16.2029, 0.3127, 0.3290

Achromatomaly

16.2060, 0.3156, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.9080, 0.3175, 0.3133 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(119, 108, 116)` looks like.

```
.text, #text, p{  
    color:rgb(119, 108, 116)  
}
```

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(119, 108, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 108, 116) }
```

Border

The CSS property to change the border of an element to Yxy 15.9080, 0.3175, 0.3133 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(119, 108, 116) }
```

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

```
.border{ border-color:rgb(119, 108, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 108, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 108, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 108, 116); box-shadow:4px 4px 4px 4px rgb(119, 108, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 15.9080, 0.3175, 0.3133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 108, 116) }
```

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

```
.background{ background-color: rgb(119,  
108, 116) }
```

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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