

Converting Colors

$Y_{xy}(17.3308, 0.3131, 0.3175)$

Have a look what the booklet for
Yxy(17.3308, 0.3131, 0.3175)
contains.

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Color

Yxy(17.3838, 0.3133, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	787278
RGB	120, 114, 120
RGB Percent	47%, 45%, 47%
CMY	0.5293, 0.5529, 0.5295
CMYK	0.00, 0.05, 0.00, 0.53
HSL	300°, 3%, 46%
HSV	300°, 5%, 47%
XYZ	17.1538, 17.3838, 20.2145
YIQ	116.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

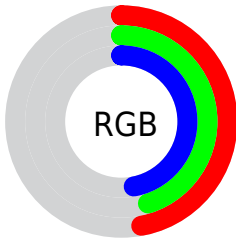
Format	Color
RYB	120, 114, 120
Decimal	7893624
CIELab	48.74, 3.51, -2.47
CIELCh	49, 4.293, 324.814
Yxy	17.3838, 0.3133, 0.3175
Android (android.graphics.Color)	4286083704 (0xFF787278)
YUV	116.4780, 1.7363, 3.0888
Hunter-Lab	41.6939, 0.4748, 0.4401

Details

The Yxy color **17.3838, 0.3133, 0.3175** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **18.2299, 0.3121, 0.3408**, and the grayscale version is **17.6144, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.0216, 0.3131, 0.3207**, and **5.7420, 0.3136, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **14.8507, 0.3145, 0.2940**, and if you desaturate by 10%, it is **20.2737, 0.3121, 0.3402**.

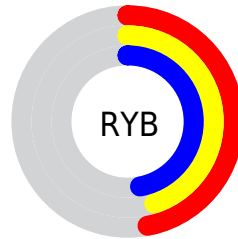
Distribution



Red (47%)

Green (45%)

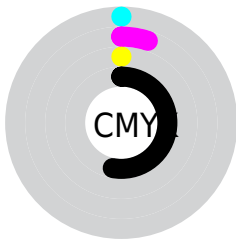
Blue (47%)



Red (47%)

Yellow (45%)

Blue (47%)

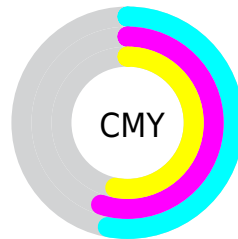


Cyan (0%)

Magenta (5%)

Yellow (0%)

Black (53%)



Cyan (53%)

Magenta (55%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.3838, 0.3133, 0.3175 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 17.3838, 0.3133, 0.3175 by changing the saturation by 10% instead.

■ 17.3838, 0.3133,
0.3175

■ 17.3838, 0.3133,
0.3175

237.3745, 0.3130,
0.3242

■ 10.5085, 0.3134,
0.3154

■ 38.9845, 0.3132,
0.3202

■ 5.7374, 0.3135,
0.3125

■ 54.4787, 0.3131,
0.3211

■ 2.6861, 0.3137,
0.3079

■ 73.6146, 0.3131,
0.3219

■ 0.9701, 0.3139,
0.2997

■ 96.7767, 0.3131,
0.3225

■ 0.0000, 0.0000,
0.0000

124.3494, 0.3130,
0.3230

156.7169, 0.3130,

0.3234

194.2639, 0.3130,
0.3238

■ 17.3838, 0.3133,
0.3175

■ 17.3838, 0.3133,
0.3175

■ 14.8507, 0.3145,
0.2940

■ 20.2737, 0.3121,
0.3402

■ 12.6584, 0.3157,
0.2703

■ 23.5311, 0.3111,
0.3618

■ 10.7930, 0.3170,
0.2470

■ 27.1692, 0.3101,
0.3819

■ 9.2389, 0.3181,
0.2249

■ 31.1995, 0.3091,
0.4006

■ 7.9792, 0.3192,
0.2048

■ 35.6335, 0.3083,
0.4178

6.9952, 0.3202,
0.1876

40.4818, 0.3075,
0.4334

6.2662, 0.3210,
0.1738

45.7549, 0.3068,
0.4476

5.7688, 0.3216,
0.1639

51.4628, 0.3062,
0.4605

5.4649, 0.3221,
0.1577

57.6152, 0.3057,
0.4721

Harmonies

Analogous

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



17.3838, 0.3051, 0.3149



17.3838, 0.3133, 0.3175



17.3838, 0.3214, 0.3231

Triad

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



17.3838, 0.3133, 0.3175



17.3838, 0.3265, 0.3421



17.3838, 0.2984, 0.3275

Complementary

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



17.3838, 0.3133, 0.3175



18.2299, 0.3121, 0.3408

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.



17.3838, 0.3040, 0.3350



17.3838, 0.3133, 0.3175



17.3838, 0.3202, 0.3435

Square

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



17.3838, 0.3133, 0.3175



17.3838, 0.3291, 0.3372



17.3838, 0.3120, 0.3409



17.3838, 0.2966, 0.3205

Rectangle

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



17.3838, 0.3133, 0.3175



17.3838, 0.3257, 0.3278



17.3838, 0.3120, 0.3409



17.3838, 0.2999, 0.3300

Sweetspot

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



17.3845, 0.3133, 0.3175



32.0068, 0.3130, 0.3243



16.9686, 0.3055, 0.3171



7.6031, 0.3129, 0.3247



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.



17.3845, 0.3133, 0.3175



30.0311, 0.3134, 0.3149



17.3135, 0.3169, 0.3232



4.2552, 0.3135, 0.3144



5.8175, 0.3223, 0.1549



27.7453, 0.3224, 0.1550

Inverse Universe

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



17.3845, 0.3133, 0.3175



30.0311, 0.3134, 0.3149



18.2987, 0.3087, 0.3349



4.2552, 0.3135, 0.3144



5.8175, 0.3223, 0.1549



27.7453, 0.3224, 0.1550

Previews

White Background



This preview shows how the Yxy color 17.3838, 0.3133, 0.3175 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 17.3838, 0.3133, 0.3175 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

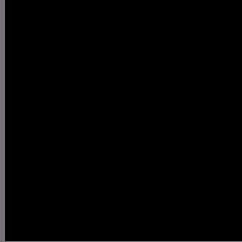
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

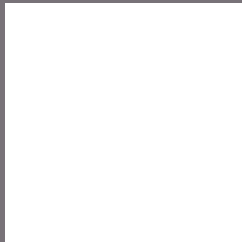
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 17.3838, 0.3133, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 17.3838, 0.3133, 0.3175.



This preview shows how white text looks on a background with the Yxy color 17.3838, 0.3133, 0.3175.

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

17.3838, 0.3133, 0.3175

Protanopia

17.3549, 0.3069, 0.3173

Deuteranopia

17.3044, 0.3200, 0.3139



Tritanopia

17.4578, 0.3097, 0.3118

Trichromacy



Original Color

17.3838, 0.3133, 0.3175

Protanomaly

17.4239, 0.3081, 0.3174

Deuteranomaly

17.3773, 0.3173, 0.3157

Tritanomaly

17.4328, 0.3109, 0.3137

Monochromacy



Original Color

17.3838, 0.3133, 0.3175

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

17.3277, 0.3129, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.3838, 0.3133, 0.3175 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(120, 114, 120)` looks like.

```
.text, #text, p{  
    color:rgb(120, 114, 120)  
}
```

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(120, 114, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 114, 120) }
```

Border

The CSS property to change the border of an element to Yxy 17.3838, 0.3133, 0.3175 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(120, 114, 120) }
```

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

```
.border{ border-color:rgb(120, 114, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 114, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 114, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 114, 120);  
box-shadow:4px 4px 4px 4px rgb(120, 114,  
120) }
```


Background

The CSS property to change the background color of an element to Yxy 17.3838, 0.3133, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 114, 120) }
```

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

```
.background{ background-color: rgb(120,  
114, 120) }
```

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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