

Converting Colors

$Y_{xy}(17.9253, 0.3318, 0.3227)$

Have a look what the booklet for
Yxy(17.9253, 0.3318, 0.3227)
contains.

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Color

Yxy(17.9199, 0.3316, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	837175
RGB	131, 113, 117
RGB Percent	51%, 44%, 46%
CMY	0.4864, 0.5568, 0.5412
CMYK	0.00, 0.14, 0.11, 0.49
HSL	347°, 7%, 48%
HSV	347°, 14%, 51%
XYZ	18.4714, 17.9199, 19.3125
YIQ	118.8380, 9.4440, 5.0600

Conversions

Conversions Part 2

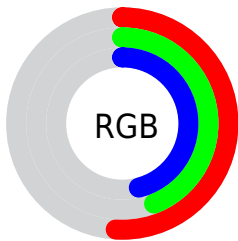
Format	Color
R_{YB}	131, 113, 117
Decimal	8614261
CIE _{Lab}	49.40, 7.73, 0.39
CIE _{LCh}	49, 7.735, 2.854
Yxy	17.9199, 0.3316, 0.3217
Android (android.graphics.Color)	4286804341 (0xFF837175)
YUV	118.8380, -0.9061, 10.6661
Hunter-Lab	42.3319, 3.8070, 2.5833

Details

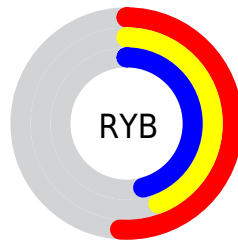
The Yxy color **17.9199, 0.3316, 0.3217** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **21.2665, 0.2967, 0.3364**, and the grayscale version is **18.3938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9652, 0.3271, 0.3237**, and **5.9596, 0.3389, 0.3176** is the 20% darker color. If you saturate the color by 10%, you get **14.9789, 0.3491, 0.3160**, and if you desaturate by 10%, it is **21.3104, 0.3173, 0.3271**.

Distribution



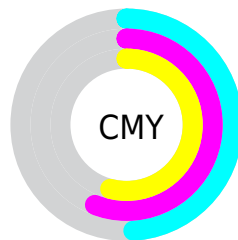
- Red (51%)
- Green (44%)
- Blue (46%)



- Red (51%)
- Yellow (44%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (11%)
- Black (49%)





- Cyan (49%)
- Magenta (56%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.9199, 0.3316, 0.3217 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 17.9199, 0.3316, 0.3217 by changing the saturation by 10% instead.


 17.9199, 0.3316,
0.3217


 17.9199, 0.3316,
0.3217


240.4192, 0.3207,
0.3260


 10.8925, 0.3350,
0.3204


 39.9008, 0.3272,
0.3234

 5.9946, 0.3399,
0.3184

 55.6231, 0.3257,
0.3240

 2.8418, 0.3477,
0.3154

 75.0124, 0.3244,
0.3245

 1.0497, 0.3614,
0.3099

 98.4532, 0.3234,
0.3249

 0.0000, 1.0000,
0.0000

126.3299, 0.3226,
0.3252

 0.0000, 0.0000,
0.0000

159.0269, 0.3218,

0.3255

196.9285, 0.3212,
0.3257

■ 17.9199, 0.3316,
0.3217

■ 17.9199, 0.3316,
0.3217

■ 14.9789, 0.3491,
0.3160

■ 21.3104, 0.3173,
0.3271

■ 12.4661, 0.3705,
0.3102

■ 25.1656, 0.3056,
0.3321

■ 10.3622, 0.3962,
0.3046

■ 29.5032, 0.2961,
0.3367

■ 8.6455, 0.4268,
0.2996

■ 34.3389, 0.2883,
0.3409

■ 7.2920, 0.4618,
0.2960

■ 39.6881, 0.2818,
0.3448

■ 6.2755, 0.5001,
0.2947

■ 45.5651, 0.2765,
0.3483

■ 5.5657, 0.5389,
0.2966

■ 51.9839, 0.2720,
0.3515

■ 5.1253, 0.5745,
0.3019

■ 58.9580, 0.2682,
0.3544

■ 4.9111, 0.5950,
0.3052

■ 66.5004, 0.2651,
0.3570

Harmonies

Analogous

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



17.9199, 0.3177, 0.3109



17.9199, 0.3316, 0.3217



17.9199, 0.3404, 0.3345

Triad

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



17.9199, 0.3316, 0.3217



17.9199, 0.3222, 0.3546



17.9199, 0.2846, 0.3110

Complementary

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



17.9199, 0.3316, 0.3217



21.2665, 0.2967, 0.3364

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.



17.9199, 0.2858, 0.3225



17.9199, 0.3316, 0.3217



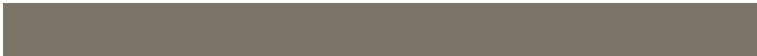
17.9199, 0.3073, 0.3482

Square

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



17.9199, 0.3316, 0.3217



17.9199, 0.3349, 0.3538



17.9199, 0.2940, 0.3362



17.9199, 0.2907, 0.3046

Rectangle

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



17.9199, 0.3316, 0.3217



17.9199, 0.3422, 0.3427



17.9199, 0.2940, 0.3362



17.9199, 0.2842, 0.3143

Sweetspot

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



17.9207, 0.3316, 0.3217



37.9337, 0.3178, 0.3269



17.9467, 0.3089, 0.2961



8.7312, 0.3187, 0.3265



67.3860, 0.3127, 0.3290



9.4630, 0.3127, 0.3290

Same Dimension

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



17.9207, 0.3316, 0.3217



30.6289, 0.3359, 0.3202



18.9255, 0.3355, 0.3379



4.7044, 0.3247, 0.3242



4.8375, 0.5949, 0.3051



0.0177, 0.4967, 0.2510

Inverse Universe

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



17.9207, 0.3316, 0.3217



30.6289, 0.3359, 0.3202



20.1167, 0.2925, 0.3199



4.7044, 0.3247, 0.3242



4.8375, 0.5949, 0.3051



0.0177, 0.4967, 0.2510

Previews

White Background



This preview shows how the Yxy color 17.9199, 0.3316, 0.3217 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 17.9199, 0.3316, 0.3217 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

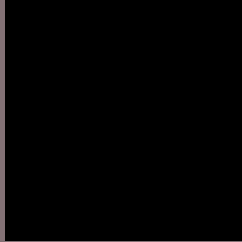
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.9199, 0.3316, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 17.9199, 0.3316, 0.3217.



This preview shows how white text looks on a background with the Yxy color 17.9199, 0.3316, 0.3217.

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

17.9199, 0.3316, 0.3217

Protanopia

17.9764, 0.3129, 0.3252

Deuteranopia

17.9861, 0.3288, 0.3235



Tritanopia

17.8744, 0.3281, 0.3126

Trichromacy



Original Color

17.9199, 0.3316, 0.3217

Protanomaly

18.0097, 0.3193, 0.3252

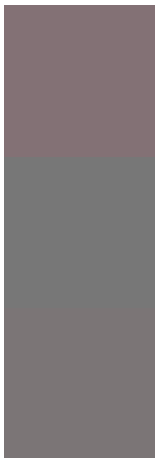
Deuteranomaly

18.0648, 0.3301, 0.3235

Tritanomaly

17.8499, 0.3293, 0.3144

Monochromacy



Original Color

17.9199, 0.3316, 0.3217

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.2415, 0.3192, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.9199, 0.3316, 0.3217 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(131, 113, 117)` looks like.

```
.text, #text, p{  
    color:rgb(131, 113, 117)  
}
```

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(131, 113, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 113, 117) }
```

Border

The CSS property to change the border of an element to Yxy 17.9199, 0.3316, 0.3217 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(131, 113, 117) }
```

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

```
.border{ border-color:rgb(131, 113, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 113, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 113, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 113, 117);  
box-shadow:4px 4px 4px 4px rgb(131, 113,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 17.9199, 0.3316, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 113, 117) }
```

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

```
.background{ background-color: rgb(131,  
113, 117) }
```

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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