

Converting Colors

$Y_{xy}(19.9420, 0.3369, 0.3254)$

Have a look what the booklet for
Yxy(19.9420, 0.3369, 0.3254)
contains.

Yxy(19.8263, 0.3360, 0.3238)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.8263, 0.3360, 0.3238)

Conversions

Conversions Part 1

Format	Color
Hex	8B7679
RGB	139, 118, 121
RGB Percent	55%, 46%, 47%
CMY	0.4550, 0.5372, 0.5255
CMYK	0.00, 0.15, 0.13, 0.46
HSL	351°, 8%, 50%
HSV	351°, 15%, 54%
XYZ	20.5733, 19.8263, 20.8305
YIQ	124.6210, 11.5530, 5.3850

Conversions

Conversions Part 2

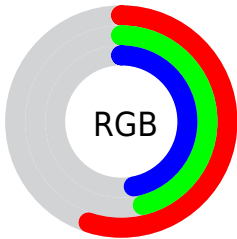
Format	Color
R_{YB}	139, 118, 121
Decimal	9139833
CIE _{Lab}	51.64, 8.66, 1.38
CIE _{LCh}	52, 8.766, 9.053
Yxy	19.8263, 0.3360, 0.3238
Android (android.graphics.Color)	4287329913 (0xFF8B7679)
YUV	124.6210, -1.7852, 12.6104
Hunter-Lab	44.5267, 4.5531, 3.4317

Details

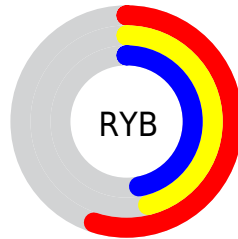
The Yxy color **19.8263, 0.3360, 0.3238** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **24.0868, 0.2935, 0.3343**, and the grayscale version is **20.3770, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1040, 0.3313, 0.3252**, and **6.9852, 0.3454, 0.3211** is the 20% darker color. If you saturate the color by 10%, you get **16.5166, 0.3560, 0.3201**, and if you desaturate by 10%, it is **23.6562, 0.3198, 0.3273**.

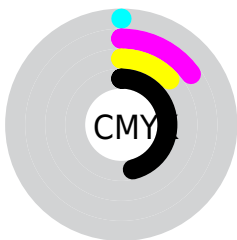
Distribution



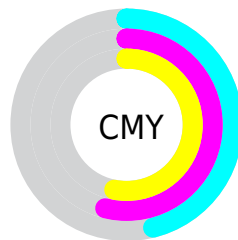
- Red (55%)
- Green (46%)
- Blue (47%)



- Red (55%)
- Yellow (46%)
- Blue (47%)



- Cyan (0%)
- Magenta (15%)
- Yellow (13%)
- Black (46%)




- Cyan (46%)
- Magenta (54%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8263, 0.3360, 0.3238 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 19.8263, 0.3360, 0.3238 by changing the saturation by 10% instead.


 19.8263, 0.3360,
0.3238


 19.8263, 0.3360,
0.3238


250.9732, 0.3227,
0.3268


 12.2688, 0.3401,
0.3228


 43.1258, 0.3307,
0.3250

 6.9270, 0.3458,
0.3215


 59.6366, 0.3288,
0.3255

 3.4165, 0.3547,
0.3193


 79.9006, 0.3273,
0.3258

 1.3529, 0.3701,
0.3154

104.3023, 0.3261,
0.3261

 0.1816, 0.5758,
0.2723

133.2260, 0.3250,
0.3263

 0.0000, 0.0000,
0.0000

167.0561, 0.3241,

0.3265

206.1771, 0.3234,
0.3267

■ 19.8263, 0.3360,
0.3238

■ 19.8263, 0.3360,
0.3238

■ 16.5166, 0.3560,
0.3201

■ 23.6562, 0.3198,
0.3273

■ 13.7021, 0.3806,
0.3164

■ 28.0246, 0.3066,
0.3306

■ 11.3597, 0.4103,
0.3129

■ 32.9522, 0.2959,
0.3336

■ 9.4636, 0.4455,
0.3099

■ 38.4578, 0.2871,
0.3363

■ 7.9852, 0.4853,
0.3082

■ 44.5593, 0.2799,
0.3388

■ 6.8929, 0.5277,
0.3083

■ 51.2739, 0.2740,
0.3410

■ 6.1503, 0.5684,
0.3108

■ 58.6179, 0.2690,
0.3430

■ 5.7079, 0.6025,
0.3155

■ 66.6073, 0.2649,
0.3449

■ 5.5362, 0.6168,
0.3172

■ 75.2574, 0.2614,
0.3466

Harmonies

Analogous

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



19.8263, 0.3216, 0.3114



19.8263, 0.3360, 0.3238



19.8263, 0.3441, 0.3378

Triad

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



19.8263, 0.3360, 0.3238



19.8263, 0.3198, 0.3563



19.8263, 0.2827, 0.3072

Complementary

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



19.8263, 0.3360, 0.3238



24.0868, 0.2935, 0.3343

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.



19.8263, 0.2823, 0.3188



19.8263, 0.3360, 0.3238



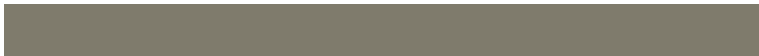
19.8263, 0.3034, 0.3477

Square

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



19.8263, 0.3360, 0.3238



19.8263, 0.3345, 0.3570



19.8263, 0.2898, 0.3338



19.8263, 0.2909, 0.3018

Rectangle

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



19.8263, 0.3360, 0.3238



19.8263, 0.3448, 0.3464



19.8263, 0.2898, 0.3338



19.8263, 0.2817, 0.3105

Sweetspot

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



19.8272, 0.3360, 0.3238



42.3621, 0.3198, 0.3273



20.0434, 0.3106, 0.2927



9.6567, 0.3207, 0.3271



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.8272, 0.3360, 0.3238



33.4577, 0.3422, 0.3226



21.5507, 0.3378, 0.3419



5.0594, 0.3259, 0.3259



5.0006, 0.6160, 0.3167



0.0345, 0.5372, 0.2733

Inverse Universe

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



19.8272, 0.3360, 0.3238



33.4577, 0.3422, 0.3226



22.1199, 0.2902, 0.3157



5.0594, 0.3259, 0.3259



5.0006, 0.6160, 0.3167



0.0345, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 19.8263, 0.3360, 0.3238 looks on a white 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

Black Background



This preview shows how the Yxy color 19.8263, 0.3360, 0.3238 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

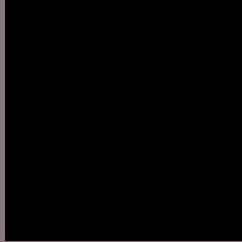
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8263, 0.3360, 0.3238

Background



This preview shows how black text looks on a background with the Yxy color 19.8263, 0.3360, 0.3238.



This preview shows how white text looks on a background with the Yxy color 19.8263, 0.3360, 0.3238.

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

19.8263, 0.3360, 0.3238

Protanopia

19.9811, 0.3140, 0.3272

Deuteranopia

19.8084, 0.3319, 0.3255



Tritanopia

19.8044, 0.3313, 0.3133

Trichromacy



Original Color

19.8263, 0.3360, 0.3238

Protanomaly

19.8506, 0.3216, 0.3254

Deuteranomaly

19.8925, 0.3332, 0.3255

Tritanomaly

19.7533, 0.3338, 0.3168

Monochromacy



Original Color

19.8263, 0.3360, 0.3238

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.1201, 0.3203, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8263, 0.3360, 0.3238 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(139, 118, 121)` looks like.

```
.text, #text, p{  
    color:rgb(139, 118, 121)  
}
```

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(139, 118, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 118, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.8263, 0.3360, 0.3238 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(139, 118, 121) }
```

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

```
.border{ border-color:rgb(139, 118, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 118, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 118, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 118, 121);  
box-shadow:4px 4px 4px 4px rgb(139, 118,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8263, 0.3360, 0.3238 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 118, 121) }
```

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

```
.background{ background-color: rgb(139,  
118, 121) }
```

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