

Converting Colors

$Y_{xy}(11.9213, 0.3817, 0.3156)$

Have a look what the booklet for
Yxy(11.9213, 0.3817, 0.3156)
contains.

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Color

Yxy(11.9213, 0.3817, 0.3156)

Conversions

Conversions Part 1

Format	Color
Hex	83545B
RGB	131, 84, 91
RGB Percent	51%, 33%, 36%
CMY	0.4863, 0.6706, 0.6432
CMYK	0.00, 0.36, 0.31, 0.49
HSL	351°, 22%, 42%
HSV	351°, 36%, 51%
XYZ	14.4181, 11.9213, 11.4340
YIQ	98.8510, 25.7650, 12.1410

Conversions

Conversions Part 2

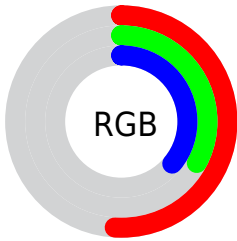
Format	Color
R_{YB}	131, 84, 91
Decimal	8606811
CIE Lab	41.09, 20.58, 4.07
CIE LCh	41, 20.980, 11.200
Yxy	11.9213, 0.3817, 0.3156
Android (android.graphics.Color)	4286796891 (0xFF83545B)
YUV	98.8510, -3.8705, 28.1947
Hunter-Lab	34.5272, 14.1166, 4.5346

Details

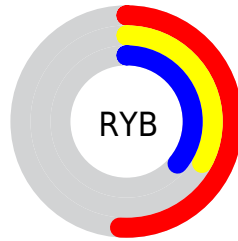
The Yxy color **11.9213, 0.3817, 0.3156** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **19.5738, 0.2703, 0.3432**, and the grayscale version is **12.4431, 0.3127, 0.3290**.

A 20% lighter version of the original color is **29.2876, 0.3635, 0.3193**, and **3.2812, 0.4207, 0.3085** is the 20% darker color. If you saturate the color by 10%, you get **9.8964, 0.4113, 0.3120**, and if you desaturate by 10%, it is **14.3563, 0.3572, 0.3195**.

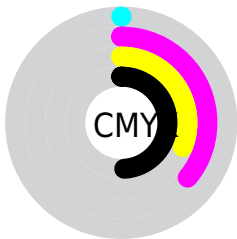
Distribution



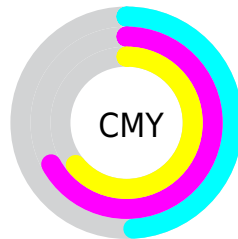
- Red (51%)
- Green (33%)
- Blue (36%)



- Red (51%)
- Yellow (33%)
- Blue (36%)



- Cyan (0%)
- Magenta (36%)
- Yellow (31%)
- Black (49%)





- Cyan (49%)
- Magenta (67%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 11.9213, 0.3817, 0.3156 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 11.9213, 0.3817, 0.3156 by changing the saturation by 10% instead.


 11.9213, 0.3817,
0.3156


 11.9213, 0.3817,
0.3156


203.8836, 0.3393,
0.3243

 6.6901, 0.3965,
0.3122


 29.3517, 0.3637,
0.3195


 3.2691, 0.4192,
0.3067

 42.3197, 0.3578,
0.3207

 1.2738, 0.4583,
0.2963

 58.6354, 0.3531,
0.3217

 0.1208, 0.8364,
0.1636

 78.6832, 0.3493,
0.3224

 0.0000, 0.0000,
0.0000

 102.8476, 0.3461,
0.3230

131.5128, 0.3435,

0.3235

165.0633, 0.3412,
0.3240

■ 11.9213, 0.3817,
0.3156

■ 11.9213, 0.3817,
0.3156

■ 9.8964, 0.4113,
0.3120

■ 14.3563, 0.3572,
0.3195

■ 8.2575, 0.4463,
0.3090

■ 17.2205, 0.3371,
0.3233

■ 6.9803, 0.4858,
0.3072


■ 20.5339, 0.3208,
0.3270


■ 6.0373, 0.5277,
0.3073


■ 24.3146, 0.3076,
0.3304

■ 5.3971, 0.5680,
0.3099

■ 28.5798, 0.2968,
0.3335


 5.0088, 0.6020,
0.3146

 33.3458, 0.2880,
0.3364

 4.8739, 0.6144,
0.3158

 38.6282, 0.2808,
0.3389

 44.4419, 0.2748,
0.3413

 50.8010, 0.2698,
0.3434

Harmonies

Analogous

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



11.9213, 0.3400, 0.2834



11.9213, 0.3817, 0.3156



11.9213, 0.4037, 0.3525

Triad

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



11.9213, 0.3817, 0.3156



11.9213, 0.3270, 0.4092



11.9213, 0.2323, 0.2657

Complementary

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



11.9213, 0.3817, 0.3156



19.5738, 0.2703, 0.3432

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.



11.9213, 0.2295, 0.2947



11.9213, 0.3817, 0.3156



11.9213, 0.2821, 0.3820

Square

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



11.9213, 0.3817, 0.3156



11.9213, 0.3701, 0.4094



11.9213, 0.2470, 0.3377



11.9213, 0.2545, 0.2549

Rectangle

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



11.9213, 0.3817, 0.3156



11.9213, 0.4035, 0.3762



11.9213, 0.2470, 0.3377



11.9213, 0.2291, 0.2734

Sweetspot

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



11.9219, 0.3817, 0.3156



33.4773, 0.3292, 0.3250



12.2617, 0.3062, 0.2411



7.6396, 0.3310, 0.3246



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.



11.9219, 0.3817, 0.3156



18.3506, 0.4054, 0.3126



14.6672, 0.3830, 0.3610



4.6992, 0.3258, 0.3258



4.7978, 0.6142, 0.3157



0.0173, 0.5337, 0.2714

Inverse Universe

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



11.9219, 0.3817, 0.3156



18.3506, 0.4054, 0.3126



15.6835, 0.2596, 0.2943



4.6992, 0.3258, 0.3258



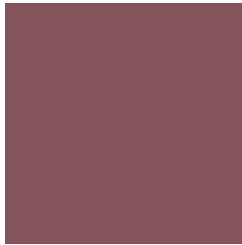
4.7978, 0.6142, 0.3157



0.0173, 0.5337, 0.2714

Previews

White Background



This preview shows how the Yxy color 11.9213, 0.3817, 0.3156 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 11.9213, 0.3817, 0.3156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

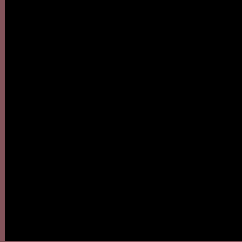
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 11.9213, 0.3817, 0.3156

Background



This preview shows how black text looks on a background with the Yxy color 11.9213, 0.3817, 0.3156.



This preview shows how white text looks on a background with the Yxy color 11.9213, 0.3817, 0.3156.

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

11.9213, 0.3817, 0.3156

Protanopia

12.0839, 0.3143, 0.3267

Deuteranopia

12.0417, 0.3456, 0.3401



Tritanopia

11.9041, 0.3834, 0.3175

Trichromacy



Original Color

11.9213, 0.3817, 0.3156

Protanomaly

11.8600, 0.3386, 0.3226

Deuteranomaly

11.9021, 0.3587, 0.3291

Tritanomaly

11.9041, 0.3834, 0.3175

Monochromacy



Original Color

11.9213, 0.3817, 0.3156

Achromatopsia

12.4772, 0.3127, 0.3290

Achromatomaly

12.2294, 0.3364, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 11.9213, 0.3817, 0.3156 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, 84, 91)` looks like.

```
.text, #text, p{  
    color:rgb(131, 84, 91)  
}
```

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, 84, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 84, 91) }
```

Border

The CSS property to change the border of an element to Yxy 11.9213, 0.3817, 0.3156 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, 84, 91) }
```

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

```
.border{ border-color:rgb(131, 84, 91) }
```

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

Here you see how a box with a 4 pixel rgb(131, 84, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 84, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 84, 91);  
box-shadow:4px 4px 4px 4px rgb(131, 84,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 11.9213, 0.3817, 0.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 84, 91) }
```

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

```
.background{ background-color: rgb(131, 84,  
91) }
```

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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