

Converting Colors

$Yxy(19.8261, 0.3104, 0.2959)$

Have a look what the booklet for
Yxy(19.8261, 0.3104, 0.2959)
contains.

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Color

Yxy(19.8313, 0.3106, 0.2958)

Conversions

Conversions Part 1

Format	Color
Hex	867689
RGB	134, 118, 137
RGB Percent	53%, 46%, 54%
CMY	0.4745, 0.5372, 0.4628
CMYK	0.02, 0.14, 0.00, 0.46
HSL	291°, 7%, 50%
HSV	291°, 14%, 54%
XYZ	20.8235, 19.8313, 26.3881
YIQ	124.9500, 3.4370, 9.3010

Conversions

Conversions Part 2

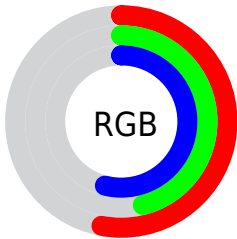
Format	Color
R_YB	134, 118, 137
Decimal	8812169
CIE Lab	51.65, 9.84, -8.06
CIE LCh	52, 12.726, 320.682
Yxy	19.8313, 0.3106, 0.2958
Android (android.graphics.Color)	4287002249 (0xFF867689)
YUV	124.9500, 5.9407, 7.9369
Hunter-Lab	44.5323, 5.5358, -3.9603

Details

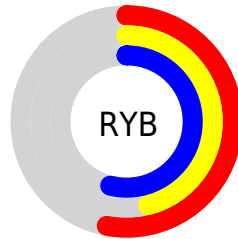
The Yxy color $19.8313, 0.3106, 0.2958$ is a dark color, and the websafe version is hex 666666 . A complement of this color would be $23.2567, 0.3144, 0.3638$, and the grayscale version is $20.4693, 0.3127, 0.3290$.

A 20% lighter version of the original color is $43.0320, 0.3112, 0.3033$, and $6.9533, 0.3091, 0.2840$ is the 20% darker color. If you saturate the color by 10%, you get $16.6617, 0.3086, 0.2708$, and if you desaturate by 10%, it is $23.4747, 0.3122, 0.3200$.

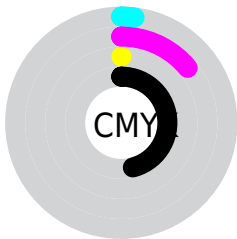
Distribution



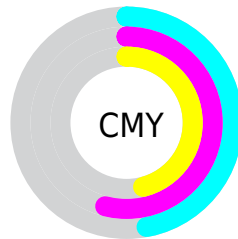
- Red (53%)
- Green (46%)
- Blue (54%)



- Red (53%)
- Yellow (46%)
- Blue (54%)



- Cyan (2%)
- Magenta (14%)
- Yellow (0%)
- Black (46%)



- Cyan (47%)
- Magenta (54%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.8313, 0.3106, 0.2958 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 19.8313, 0.3106, 0.2958 by changing the saturation by 10% instead.

■ 19.8313, 0.3106,
0.2958

■ 19.8313, 0.3106,
0.2958

251.0004, 0.3120,
0.3144

■ 12.2725, 0.3101,
0.2904

■ 43.1342, 0.3112,
0.3031

■ 6.9295, 0.3094,
0.2828

■ 59.6470, 0.3114,
0.3057

■ 3.4181, 0.3081,
0.2716

■ 79.9133, 0.3115,
0.3078

■ 1.3537, 0.3056,
0.2534

104.3174, 0.3117,
0.3095

■ 0.1822, 0.3045,
0.1342

133.2438, 0.3118,
0.3110

■ 0.0000, 0.0000,
0.0000

167.0768, 0.3118,

0.3123

206.2009, 0.3119,
0.3134

■ 19.8313, 0.3106,
0.2958

■ 19.8313, 0.3106,
0.2958

■ 16.6617, 0.3086,
0.2708

■ 23.4747, 0.3122,
0.3200

■ 13.9433, 0.3062,
0.2457

■ 27.6083, 0.3134,
0.3430

■ 11.6552, 0.3034,
0.2211

■ 32.2508, 0.3144,
0.3645

■ 9.7742, 0.3002,
0.1980

■ 37.4192, 0.3151,
0.3843

■ 8.2747, 0.2967,
0.1774

■ 43.1296, 0.3156,
0.4025

7.1281, 0.2929,
0.1601

49.3975, 0.3159,
0.4191

6.3019, 0.2889,
0.1468

56.2378, 0.3160,
0.4342

5.7559, 0.2849,
0.1377

63.6649, 0.3161,
0.4478

5.4822, 0.2825,
0.1330

71.6924, 0.3161,
0.4600

Harmonies

Analogous

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



19.8313, 0.2882, 0.2896



19.8313, 0.3106, 0.2958



19.8313, 0.3343, 0.3100

Triad

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



19.8313, 0.3106, 0.2958



19.8313, 0.3537, 0.3644



19.8313, 0.2742, 0.3270

Complementary

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



19.8313, 0.3106, 0.2958



23.2567, 0.3144, 0.3638

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.



19.8313, 0.2907, 0.3490



19.8313, 0.3106, 0.2958



19.8313, 0.3366, 0.3710

Square

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



19.8313, 0.3106, 0.2958



19.8313, 0.3598, 0.3488



19.8313, 0.3134, 0.3655



19.8313, 0.2678, 0.3065

Rectangle

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



19.8313, 0.3106, 0.2958



19.8313, 0.3475, 0.3224



19.8313, 0.3134, 0.3655



19.8313, 0.2788, 0.3345

Sweetspot

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



19.8322, 0.3106, 0.2958



41.8882, 0.3122, 0.3194



19.3733, 0.2916, 0.2998



9.2907, 0.3121, 0.3178



69.2071, 0.3127, 0.3290



10.0482, 0.3127, 0.3290

Same Dimension

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



19.8322, 0.3106, 0.2958



33.4312, 0.3099, 0.2871



19.9042, 0.3217, 0.3069



5.0899, 0.3114, 0.3073



5.1127, 0.2826, 0.1330



0.0389, 0.3024, 0.1440

Inverse Universe

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



19.6550, 0.3334, 0.3238



33.0500, 0.3397, 0.3224



23.2003, 0.3047, 0.3522



5.0606, 0.3257, 0.3256



5.0075, 0.6126, 0.3148



0.0347, 0.5290, 0.2688

Previews

White Background



This preview shows how the Yxy color 19.8313, 0.3106, 0.2958 looks on a white background.

Color Contrast Check

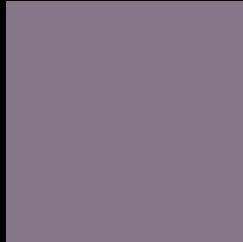
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8313, 0.3106, 0.2958 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

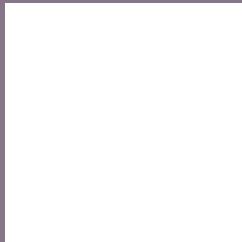
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 19.8313, 0.3106, 0.2958

Background



This preview shows how black text looks on a background with the Yxy color 19.8313, 0.3106, 0.2958.



This preview shows how white text looks on a background with the Yxy color 19.8313, 0.3106, 0.2958.

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

19.8313, 0.3106, 0.2958

Protanopia

19.8056, 0.2908, 0.2963

Deuteranopia

19.9062, 0.3044, 0.2988



Tritanopia

19.7652, 0.3185, 0.3112

Trichromacy



Original Color

19.8313, 0.3106, 0.2958

Protanomaly

19.8988, 0.2975, 0.2967

Deuteranomaly

19.8251, 0.3069, 0.2972

Tritanomaly

19.8461, 0.3150, 0.3060

Monochromacy



Original Color

19.8313, 0.3106, 0.2958

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0932, 0.3121, 0.3163

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8313, 0.3106, 0.2958 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(134, 118, 137)` looks like.

```
.text, #text, p{  
    color:rgb(134, 118, 137)  
}
```

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(134, 118, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(134, 118, 137) }
```

Border

The CSS property to change the border of an element to Yxy 19.8313, 0.3106, 0.2958 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(134, 118, 137) }
```

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

```
.border{ border-color:rgb(134, 118, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(134, 118, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(134, 118, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(134, 118, 137);  
box-shadow:4px 4px 4px 4px rgb(134, 118,  
137) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8313, 0.3106, 0.2958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(134, 118, 137) }
```

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

```
.background{ background-color: rgb(134,  
118, 137) }
```

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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