

Converting Colors

$Y_{xy}(19.8006, 0.3431, 0.3204)$

Have a look what the booklet for
Yxy(19.8006, 0.3431, 0.3204)
contains.

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Color

Yxy(19.8006, 0.3431, 0.3204)

Conversions

Conversions Part 1

Format	Color
Hex	907479
RGB	144, 116, 121
RGB Percent	56%, 45%, 47%
CMY	0.4351, 0.5451, 0.5255
CMYK	0.00, 0.19, 0.16, 0.44
HSL	349°, 11%, 51%
HSV	349°, 19%, 56%
XYZ	21.2035, 19.8006, 20.7956
YIQ	124.9420, 15.0830, 7.4910

Conversions

Conversions Part 2

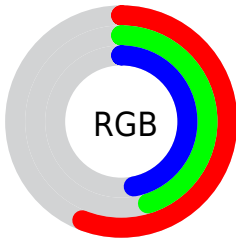
Format	Color
RYB	144, 116, 121
Decimal	9467001
CIELab	51.61, 11.82, 1.39
CIELCh	52, 11.899, 6.725
Yxy	19.8006, 0.3431, 0.3204
Android (android.graphics.Color)	4287657081 (0xFF907479)
YUV	124.9420, -1.9434, 16.7139
Hunter-Lab	44.4979, 7.1849, 3.4400

Details

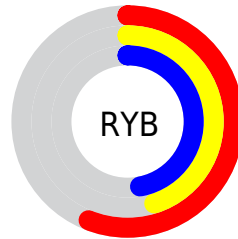
The Yxy color **19.8006, 0.3431, 0.3204** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **25.5350, 0.2890, 0.3378**, and the grayscale version is **20.4921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.0282, 0.3362, 0.3227**, and **6.9424, 0.3545, 0.3161** is the 20% darker color. If you saturate the color by 10%, you get **16.4620, 0.3641, 0.3157**, and if you desaturate by 10%, it is **23.6914, 0.3260, 0.3250**.

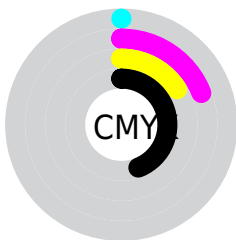
Distribution



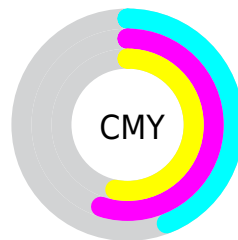
- Red (56%)
- Green (45%)
- Blue (47%)



- Red (56%)
- Yellow (45%)
- Blue (47%)



- Cyan (0%)
- Magenta (19%)
- Yellow (16%)
- Black (44%)




- Cyan (44%)
- Magenta (55%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.8006, 0.3431, 0.3204 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 19.8006, 0.3431, 0.3204 by changing the saturation by 10% instead.


 19.8006, 0.3431,
0.3204


 19.8006, 0.3431,
0.3204


250.8336, 0.3257,
0.3254


 12.2502, 0.3484,
0.3188


 43.0826, 0.3361,
0.3224


 6.9143, 0.3559,
0.3166


 59.5830, 0.3337,
0.3231

 3.4086, 0.3675,
0.3131

 79.8355, 0.3318,
0.3237

 1.3486, 0.3875,
0.3069

 104.2245, 0.3301,
0.3241

 0.1783, 0.6247,
0.2433

133.1345, 0.3288,
0.3245

 0.0000, 0.0000,
0.0000

166.9497, 0.3276,

0.3249

206.0546, 0.3266,
0.3252

■ 19.8006, 0.3431,
0.3204

■ 19.8006, 0.3431,
0.3204

■ 16.4620, 0.3641,
0.3157

■ 23.6914, 0.3260,
0.3250

■ 13.6481, 0.3898,
0.3110

■ 28.1551, 0.3121,
0.3292

■ 11.3329, 0.4206,
0.3068

■ 33.2147, 0.3007,
0.3332

■ 9.4870, 0.4564,
0.3035

■ 38.8908, 0.2915,
0.3368

■ 8.0782, 0.4962,
0.3020

■ 45.2034, 0.2839,
0.3400

■ 7.0701, 0.5373,
0.3030

■ 52.1714, 0.2777,
0.3430

■ 6.4204, 0.5755,
0.3070

■ 59.8130, 0.2725,
0.3457

■ 6.0256, 0.6072,
0.3125

■ 68.1455, 0.2682,
0.3482

■ 6.0063, 0.6088,
0.3127

■ 77.1859, 0.2645,
0.3504

Harmonies

Analogous

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



19.8006, 0.3229, 0.3042



19.8006, 0.3431, 0.3204



19.8006, 0.3551, 0.3392

Triad

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



19.8006, 0.3431, 0.3204



19.8006, 0.3238, 0.3669



19.8006, 0.2718, 0.3003

Complementary

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



19.8006, 0.3431, 0.3204



25.5350, 0.2890, 0.3378

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.



19.8006, 0.2721, 0.3164



19.8006, 0.3431, 0.3204



19.8006, 0.3016, 0.3559

Square

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



19.8006, 0.3431, 0.3204



19.8006, 0.3436, 0.3667



19.8006, 0.2829, 0.3369



19.8006, 0.2820, 0.2925

Rectangle

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



19.8006, 0.3431, 0.3204



19.8006, 0.3565, 0.3510



19.8006, 0.2829, 0.3369



19.8006, 0.2707, 0.3049

Sweetspot

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



19.8015, 0.3431, 0.3204



44.2840, 0.3210, 0.3264



19.9829, 0.3086, 0.2815



10.0560, 0.3218, 0.3262



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



19.8015, 0.3431, 0.3204



32.4380, 0.3510, 0.3185



21.8280, 0.3468, 0.3444



5.4389, 0.3255, 0.3251



5.2301, 0.6076, 0.3121



0.0524, 0.5173, 0.2624

Inverse Universe

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



19.8015, 0.3431, 0.3204



32.4380, 0.3510, 0.3185



23.0985, 0.2836, 0.3131



5.4389, 0.3255, 0.3251



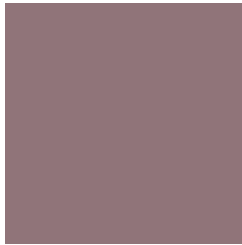
5.2301, 0.6076, 0.3121



0.0524, 0.5173, 0.2624

Previews

White Background



This preview shows how the Yxy color 19.8006, 0.3431, 0.3204 looks on a white background.

Color Contrast Check

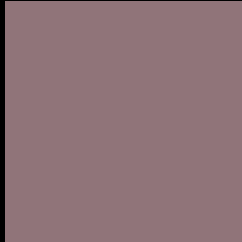
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.8006, 0.3431, 0.3204 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

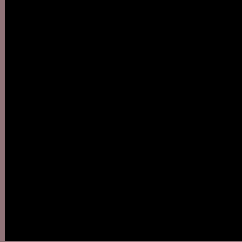
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.8006, 0.3431, 0.3204

Background



This preview shows how black text looks on a background with the Yxy color 19.8006, 0.3431, 0.3204.



This preview shows how white text looks on a background with the Yxy color 19.8006, 0.3431, 0.3204.

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

19.8006, 0.3431, 0.3204

Protanopia

20.0066, 0.3129, 0.3253

Deuteranopia

19.7840, 0.3332, 0.3273



Tritanopia

19.6460, 0.3395, 0.3136

Trichromacy



Original Color

19.8006, 0.3431, 0.3204

Protanomaly

19.7937, 0.3231, 0.3218

Deuteranomaly

19.8019, 0.3373, 0.3255

Tritanomaly

19.6208, 0.3408, 0.3153

Monochromacy



Original Color

19.8006, 0.3431, 0.3204

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.2798, 0.3228, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.8006, 0.3431, 0.3204 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(144, 116, 121)` looks like.

```
.text, #text, p{  
    color:rgb(144, 116, 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(144, 116, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 116, 121) }
```

Border

The CSS property to change the border of an element to Yxy 19.8006, 0.3431, 0.3204 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(144, 116, 121) }
```

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

```
.border{ border-color:rgb(144, 116, 121) }
```

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

Here you see how a box with a 4 pixel rgb(144, 116, 121) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 116, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 116, 121);  
box-shadow:4px 4px 4px 4px rgb(144, 116,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 19.8006, 0.3431, 0.3204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 116, 121) }
```

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

```
.background{ background-color: rgb(144,  
116, 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](#).

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