

Converting Colors

$Y_{xy}(19.5418, 0.3908, 0.3122)$

Have a look what the booklet for
Yxy(19.5418, 0.3908, 0.3122)
contains.

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Color

Yxy(19.6845, 0.3907, 0.3123)

Conversions

Conversions Part 1

Format	Color
Hex	AA6873
RGB	170, 104, 115
RGB Percent	67%, 41%, 45%
CMY	0.3332, 0.5922, 0.5490
CMYK	0.00, 0.39, 0.32, 0.33
HSL	350°, 28%, 54%
HSV	350°, 39%, 67%
XYZ	24.6261, 19.6845, 18.7201
YIQ	124.9880, 35.8050, 17.4130

Conversions

Conversions Part 2

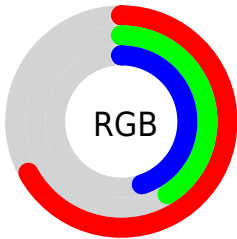
Format	Color
R_{YB}	170, 104, 115
Decimal	11167859
CIE _{Lab}	51.48, 27.90, 5.13
CIE _{LCh}	51, 28.366, 10.423
Yxy	19.6845, 0.3907, 0.3123
Android (android.graphics.Color)	4289357939 (0xFFAA6873)
YUV	124.9880, -4.9241, 39.4755
Hunter-Lab	44.3672, 21.4341, 6.0405

Details

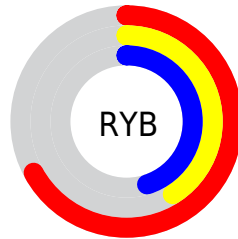
The Yxy color **19.6845, 0.3907, 0.3123** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.2050, 0.2673, 0.3470**, and the grayscale version is **20.5122, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8978, 0.3727, 0.3163**, and **6.8506, 0.4247, 0.3037** is the 20% darker color. If you saturate the color by 10%, you get **16.2996, 0.4224, 0.3083**, and if you desaturate by 10%, it is **23.8115, 0.3643, 0.3167**.

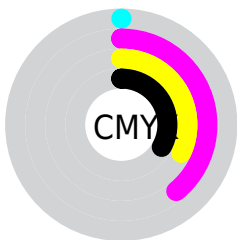
Distribution



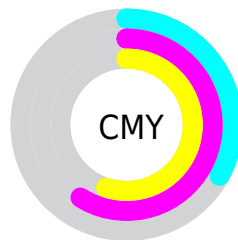
- Red (67%)
- Green (41%)
- Blue (45%)



- Red (67%)
- Yellow (41%)
- Blue (45%)



- Cyan (0%)
- Magenta (39%)
- Yellow (32%)
- Black (33%)





- Cyan (33%)
- Magenta (59%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6845, 0.3907, 0.3123 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 19.6845, 0.3907, 0.3123 by changing the saturation by 10% instead.


 19.6845, 0.3907,
0.3123


 19.6845, 0.3907,
0.3123


250.2020, 0.3459,
0.3225


 12.1659, 0.4044,
0.3089


 42.8876, 0.3727,
0.3166

 6.8568, 0.4237,
0.3038


 59.3409, 0.3665,
0.3180

 3.3727, 0.4532,
0.2957

 79.5412, 0.3615,
0.3191

 1.3293, 0.5029,
0.2805

 103.8729, 0.3573,
0.3200

 0.1637, 0.8364,
0.1636

132.7205, 0.3538,
0.3208

 0.0000, 0.0000,
0.0000

166.4683, 0.3508,

0.3215

205.5006, 0.3482,
0.3220

■ 19.6845, 0.3907,
0.3123

■ 19.6845, 0.3907,
0.3123

■ 16.2996, 0.4224,
0.3083

■ 23.8115, 0.3643,
0.3167

■ 13.6100, 0.4594,
0.3053

■ 28.7181, 0.3428,
0.3212

■ 11.5679, 0.5004,
0.3040


■ 34.4427, 0.3254,
0.3254

■ 10.1182, 0.5425,
0.3052


■ 41.0203, 0.3112,
0.3295


■ 9.1968, 0.5809,
0.3093

■ 48.4840, 0.2998,
0.3331


 8.6853, 0.6114,
0.3154

 56.8650, 0.2905,
0.3365

 8.6342, 0.6145,
0.3159

 66.1929, 0.2828,
0.3396

 76.4962, 0.2766,
0.3423

 86.5106, 0.2711,
0.3427

Harmonies

Analogous

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



19.6845, 0.3422, 0.2766



19.6845, 0.3907, 0.3123



19.6845, 0.4166, 0.3536

Triad

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



19.6845, 0.3907, 0.3123



19.6845, 0.3297, 0.4220



19.6845, 0.2214, 0.2574

Complementary

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



19.6845, 0.3907, 0.3123



34.2050, 0.2673, 0.3470

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.



19.6845, 0.2189, 0.2903



19.6845, 0.3907, 0.3123



19.6845, 0.2786, 0.3914

Square

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



19.6845, 0.3907, 0.3123



19.6845, 0.3787, 0.4203



19.6845, 0.2388, 0.3399



19.6845, 0.2457, 0.2453

Rectangle

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



19.6845, 0.3907, 0.3123



19.6845, 0.4166, 0.3806



19.6845, 0.2388, 0.3399



19.6845, 0.2181, 0.2661

Sweetspot

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



19.6855, 0.3907, 0.3123



58.7929, 0.3308, 0.3240



20.0630, 0.3026, 0.2309



12.8166, 0.3330, 0.3235



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



19.6855, 0.3907, 0.3123



30.1123, 0.4190, 0.3087



24.1905, 0.3943, 0.3612



7.5620, 0.3260, 0.3253



6.3553, 0.6123, 0.3147



0.1604, 0.5365, 0.2729

Inverse Universe

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



19.6855, 0.3907, 0.3123



30.1123, 0.4190, 0.3087



27.3767, 0.2547, 0.2938



7.5620, 0.3260, 0.3253



6.3553, 0.6123, 0.3147



0.1604, 0.5365, 0.2729

Previews

White Background



This preview shows how the Yxy color 19.6845, 0.3907, 0.3123 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 19.6845, 0.3907, 0.3123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

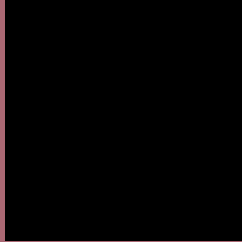
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6845, 0.3907, 0.3123

Background



This preview shows how black text looks on a background with the Yxy color 19.6845, 0.3907, 0.3123.



This preview shows how white text looks on a background with the Yxy color 19.6845, 0.3907, 0.3123.

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

19.6845, 0.3907, 0.3123

Protanopia

19.7597, 0.3130, 0.3235

Deuteranopia

19.8525, 0.3470, 0.3416



Tritanopia

19.6165, 0.3951, 0.3169

Trichromacy



Original Color

19.6845, 0.3907, 0.3123

Protanomaly

19.3047, 0.3394, 0.3185

Deuteranomaly

19.7109, 0.3621, 0.3308

Tritanomaly

19.6389, 0.3936, 0.3154

Monochromacy



Original Color

19.6845, 0.3907, 0.3123

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7658, 0.3389, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6845, 0.3907, 0.3123 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(170, 104, 115)` looks like.

```
.text, #text, p{  
    color:rgb(170, 104, 115)  
}
```

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(170, 104, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 104, 115) }
```

Border

The CSS property to change the border of an element to Yxy 19.6845, 0.3907, 0.3123 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(170, 104, 115) }
```

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

```
.border{ border-color:rgb(170, 104, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 104, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 104, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 104, 115);  
box-shadow:4px 4px 4px 4px rgb(170, 104,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6845, 0.3907, 0.3123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 104, 115) }
```

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

```
.background{ background-color: rgb(170,  
104, 115) }
```

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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