

Converting Colors

$Y_{xy}(19.3407, 0.4052, 0.3189)$

Have a look what the booklet for
Yxy(19.3407, 0.4052, 0.3189)
contains.

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Color

Yxy(19.4697, 0.4061, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AD666C
RGB	173, 102, 108
RGB Percent	68%, 40%, 42%
CMY	0.3215, 0.6000, 0.5765
CMYK	0.00, 0.41, 0.38, 0.32
HSL	355°, 30%, 54%
HSV	355°, 41%, 68%
XYZ	24.6928, 19.4697, 16.6423
YIQ	123.9130, 40.3900, 16.9180

Conversions

Conversions Part 2

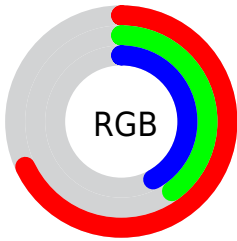
Format	Color
R _Y B	173, 102, 108
Decimal	11363948
CIE Lab	51.23, 29.25, 8.98
CIE LCh	51, 30.596, 17.076
Yxy	19.4697, 0.4061, 0.3202
Android (android.graphics.Color)	4289554028 (0xFFAD666C)
YUV	123.9130, -7.8451, 43.0493
Hunter-Lab	44.1245, 22.6739, 8.5249

Details

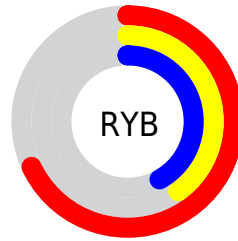
The Yxy color **19.4697, 0.4061, 0.3202** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.5057, 0.2613, 0.3385**, and the grayscale version is **20.1424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4374, 0.3845, 0.3234**, and **6.7347, 0.4453, 0.3128** is the 20% darker color. If you saturate the color by 10%, you get **16.1104, 0.4427, 0.3184**, and if you desaturate by 10%, it is **23.6018, 0.3755, 0.3223**.

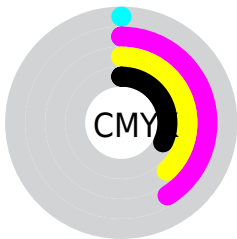
Distribution



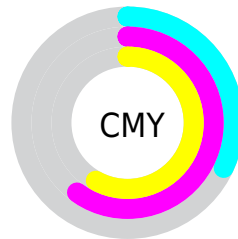
- Red (68%)
- Green (40%)
- Blue (42%)



- Red (68%)
- Yellow (40%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (38%)
- Black (32%)




- Cyan (32%)
- Magenta (60%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.4697, 0.4061, 0.3202 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 19.4697, 0.4061, 0.3202 by changing the saturation by 10% instead.


 19.4697, 0.4061,
0.3202

 19.4697, 0.4061,
0.3202


249.0296, 0.3522,
0.3265


 12.0102, 0.4226,
0.3177


 42.5263, 0.3845,
0.3231


 6.7506, 0.4459,
0.3136


 58.8921, 0.3770,
0.3240

 3.3066, 0.4813,
0.3064

 78.9955, 0.3709,
0.3246

 1.2938, 0.5427,
0.2929

 103.2209, 0.3659,
0.3252

 0.1364, 0.8608,
0.1392

131.9526, 0.3617,
0.3256

 0.0000, 0.0000,
0.0000

165.5750, 0.3581,

0.3259

204.4725, 0.3550,
0.3262

■ 19.4697, 0.4061,
0.3202

■ 19.4697, 0.4061,
0.3202

■ 16.1104, 0.4427,
0.3184

■ 23.6018, 0.3755,
0.3223

■ 13.4733, 0.4847,
0.3173

■ 28.5475, 0.3506,
0.3246

■ 11.5061, 0.5297,
0.3173


■ 34.3484, 0.3304,
0.3268


■ 10.1483, 0.5730,
0.3188


■ 41.0420, 0.3142,
0.3288

■ 9.3287, 0.6084,
0.3219

■ 48.6640, 0.3011,
0.3307

 8.9186, 0.6302,
0.3245

 57.2478, 0.2906,
0.3324

 66.8255, 0.2820,
0.3340

 77.4273, 0.2749,
0.3354

 87.3424, 0.2687,
0.3337

Harmonies

Analogous

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



19.4697, 0.3573, 0.2802



19.4697, 0.4061, 0.3202



19.4697, 0.4269, 0.3647

Triad

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



19.4697, 0.4061, 0.3202



19.4697, 0.3181, 0.4260



19.4697, 0.2185, 0.2470

Complementary

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



19.4697, 0.4061, 0.3202



35.5057, 0.2613, 0.3385

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.



19.4697, 0.2105, 0.2770



19.4697, 0.4061, 0.3202



19.4697, 0.2646, 0.3856

Square

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



19.4697, 0.4061, 0.3202



19.4697, 0.3728, 0.4311



19.4697, 0.2263, 0.3276



19.4697, 0.2492, 0.2392

Rectangle

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



19.4697, 0.4061, 0.3202



19.4697, 0.4215, 0.3930



19.4697, 0.2263, 0.3276



19.4697, 0.2132, 0.2545

Sweetspot

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



19.4707, 0.4061, 0.3202



60.2167, 0.3326, 0.3265



20.6173, 0.3089, 0.2274



12.7921, 0.3349, 0.3262



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.



19.4707, 0.4061, 0.3202



29.4946, 0.4380, 0.3186



25.9174, 0.3970, 0.3718



8.0259, 0.3274, 0.3271



6.5551, 0.6287, 0.3237



0.1858, 0.5842, 0.2992

Inverse Universe

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



19.4707, 0.4061, 0.3202



29.4946, 0.4380, 0.3186



25.9726, 0.2499, 0.2811



8.0259, 0.3274, 0.3271



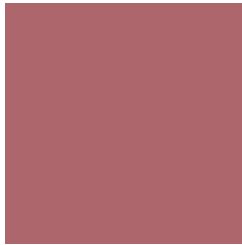
6.5551, 0.6287, 0.3237



0.1858, 0.5842, 0.2992

Previews

White Background



This preview shows how the Yxy color 19.4697, 0.4061, 0.3202 looks on a white background.

Color Contrast Check

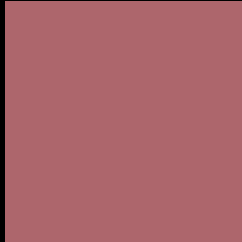
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4697, 0.4061, 0.3202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

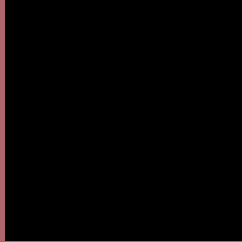
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.4697, 0.4061, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 19.4697, 0.4061, 0.3202.



This preview shows how white text looks on a background with the Yxy color 19.4697, 0.4061, 0.3202.

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

19.4697, 0.4061, 0.3202

Protanopia

19.6866, 0.3211, 0.3346

Deuteranopia

19.5522, 0.3576, 0.3524



Tritanopia

19.4911, 0.4046, 0.3187

Trichromacy



Original Color

19.4697, 0.4061, 0.3202

Protanomaly

19.3389, 0.3498, 0.3291

Deuteranomaly

19.3043, 0.3752, 0.3394

Tritanomaly

19.4911, 0.4046, 0.3187

Monochromacy



Original Color

19.4697, 0.4061, 0.3202

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.5496, 0.3443, 0.3256

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.4697, 0.4061, 0.3202 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(173, 102, 108)` looks like.

```
.text, #text, p{  
    color:rgb(173, 102, 108)  
}
```

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(173, 102, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 102, 108) }
```

Border

The CSS property to change the border of an element to Yxy 19.4697, 0.4061, 0.3202 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(173, 102, 108) }
```

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

```
.border{ border-color:rgb(173, 102, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 102, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 102, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 102, 108);  
box-shadow:4px 4px 4px 4px rgb(173, 102,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 19.4697, 0.4061, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 102, 108) }
```

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

```
.background{ background-color: rgb(173,  
102, 108) }
```

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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