

Converting Colors

$Y_{xy}(19.7624, 0.4085, 0.3290)$

Have a look what the booklet for
Yxy(19.7624, 0.4085, 0.3290)
contains.

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Color

Yxy(19.6912, 0.4080, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	AC6869
RGB	172, 104, 105
RGB Percent	67%, 41%, 41%
CMY	0.3256, 0.5921, 0.5883
CMYK	0.00, 0.40, 0.39, 0.33
HSL	359°, 29%, 54%
HSV	359°, 40%, 67%
XYZ	24.5089, 19.6912, 15.8707
YIQ	124.4460, 40.2070, 14.7270

Conversions

Conversions Part 2

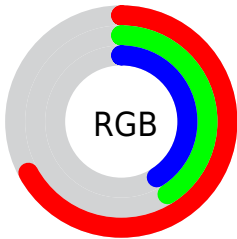
Format	Color
R_{YB}	172, 104, 105
Decimal	11298921
CIE _{Lab}	51.49, 27.36, 11.10
CIE _{LCh}	51, 29.525, 22.085
Yxy	19.6912, 0.4080, 0.3278
Android (android.graphics.Color)	4289489001 (0xFFAC6869)
YUV	124.4460, -9.5869, 41.7049
Hunter-Lab	44.3748, 20.9325, 9.8572

Details

The Yxy color **19.6912, 0.4080, 0.3278** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.3803, 0.2597, 0.3304**, and the grayscale version is **20.3359, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8352, 0.3858, 0.3292**, and **6.8198, 0.4485, 0.3231** is the 20% darker color. If you saturate the color by 10%, you get **16.2607, 0.4465, 0.3276**, and if you desaturate by 10%, it is **23.8992, 0.3759, 0.3281**.

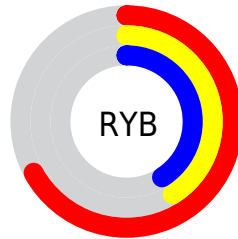
Distribution



Red (67%)

Green (41%)

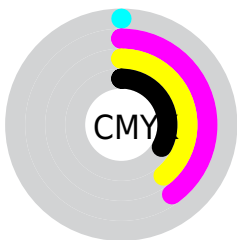
Blue (41%)



Red (67%)

Yellow (41%)

Blue (41%)

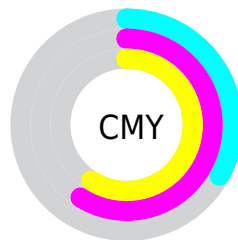


Cyan (0%)

Magenta (40%)

Yellow (39%)

Black (33%)



Cyan (33%)


Magenta (59%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6912, 0.4080, 0.3278 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 19.6912, 0.4080, 0.3278 by changing the saturation by 10% instead.


 19.6912, 0.4080,
0.3278


 19.6912, 0.4080,
0.3278


250.2385, 0.3531,
0.3300


 12.1708, 0.4248,
0.3264


 42.8988, 0.3860,
0.3291


 6.8601, 0.4484,
0.3238


 59.3549, 0.3783,
0.3294

 3.3748, 0.4842,
0.3186

 79.5582, 0.3722,
0.3296

 1.3304, 0.5488,
0.3096

 103.8932, 0.3670,
0.3298

 0.1645, 0.8336,
0.1664

132.7444, 0.3627,
0.3299

 0.0000, 0.0000,
0.0000

166.4961, 0.3590,

0.3299

205.5326, 0.3558,
0.3299

■ 19.6912, 0.4080,
0.3278

■ 19.6912, 0.4080,
0.3278

■ 16.2607, 0.4465,
0.3276

■ 23.8992, 0.3759,
0.3281

■ 13.5574, 0.4908,
0.3275

■ 28.9250, 0.3498,
0.3284

■ 11.5297, 0.5378,
0.3277


■ 34.8100, 0.3288,
0.3287


■ 10.1182, 0.5821,
0.3281


■ 41.5914, 0.3120,
0.3290


■ 9.2528, 0.6165,
0.3287


■ 49.3047, 0.2985,
0.3293

 8.7931, 0.6375,
0.3291

 57.9833, 0.2876,
0.3296

 8.7732, 0.6384,
0.3291

 67.6588, 0.2787,
0.3298

 78.3615, 0.2715,
0.3300

 87.5078, 0.2661,
0.3289

Harmonies

Analogous

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



19.6912, 0.3647, 0.2879



19.6912, 0.4080, 0.3278



19.6912, 0.4226, 0.3708

Triad

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



19.6912, 0.4080, 0.3278



19.6912, 0.3090, 0.4176



19.6912, 0.2253, 0.2472

Complementary

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



19.6912, 0.4080, 0.3278



35.3803, 0.2597, 0.3304

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.



19.6912, 0.2137, 0.2728



19.6912, 0.4080, 0.3278



19.6912, 0.2590, 0.3745

Square

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



19.6912, 0.4080, 0.3278



19.6912, 0.3625, 0.4286



19.6912, 0.2252, 0.3187



19.6912, 0.2584, 0.2430

Rectangle

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



19.6912, 0.4080, 0.3278



19.6912, 0.4140, 0.3972



19.6912, 0.2252, 0.3187



19.6912, 0.2189, 0.2533

Sweetspot

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



19.6922, 0.4080, 0.3278



60.1291, 0.3340, 0.3286



21.5225, 0.3158, 0.2331



12.7715, 0.3365, 0.3286



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.



19.6922, 0.4080, 0.3278



30.4555, 0.4397, 0.3276



27.6206, 0.3896, 0.3784



8.0171, 0.3284, 0.3287



6.5315, 0.6381, 0.3289



0.1823, 0.6296, 0.3242

Inverse Universe

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



19.6922, 0.4080, 0.3278



30.4555, 0.4397, 0.3276



24.4248, 0.2507, 0.2733



8.0171, 0.3284, 0.3287



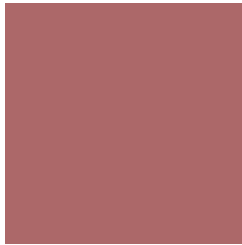
6.5315, 0.6381, 0.3289



0.1823, 0.6296, 0.3242

Previews

White Background



This preview shows how the Yxy color 19.6912, 0.4080, 0.3278 looks on a white background.

Color Contrast Check

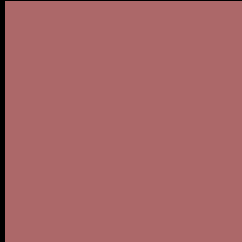
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.6912, 0.4080, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

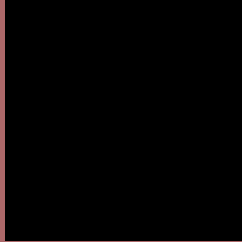
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6912, 0.4080, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 19.6912, 0.4080, 0.3278.



This preview shows how white text looks on a background with the Yxy color 19.6912, 0.4080, 0.3278.

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

19.6912, 0.4080, 0.3278

Protanopia

19.9157, 0.3269, 0.3439

Deuteranopia

19.6670, 0.3642, 0.3575



Tritanopia

19.6188, 0.3997, 0.3171

Trichromacy



Original Color

19.6912, 0.4080, 0.3278

Protanomaly

19.4781, 0.3546, 0.3379

Deuteranomaly

19.5618, 0.3802, 0.3461

Tritanomaly

19.5753, 0.4027, 0.3201

Monochromacy



Original Color

19.6912, 0.4080, 0.3278

Achromatopsia

20.1556, 0.3127, 0.3290

Achromatomaly

19.6697, 0.3439, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6912, 0.4080, 0.3278 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(172, 104, 105)` looks like.

```
.text, #text, p{  
    color:rgb(172, 104, 105)  
}
```

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(172, 104, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 104, 105) }
```

Border

The CSS property to change the border of an element to Yxy 19.6912, 0.4080, 0.3278 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(172, 104, 105) }
```

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

```
.border{ border-color:rgb(172, 104, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 104, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 104, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 104, 105);  
box-shadow:4px 4px 4px 4px rgb(172, 104,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6912, 0.4080, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 104, 105) }
```

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

```
.background{ background-color: rgb(172,  
104, 105) }
```

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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