

Converting Colors

$Y_{xy}(19.1031, 0.4122, 0.3293)$

Have a look what the booklet for
Yxy(19.1031, 0.4122, 0.3293)
contains.

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Color

Yxy(19.1200, 0.4124, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	AB6666
RGB	171, 102, 102
RGB Percent	67%, 40%, 40%
CMY	0.3294, 0.6000, 0.6000
CMYK	0.00, 0.40, 0.40, 0.33
HSL	0°, 29%, 54%
HSV	0°, 40%, 67%
XYZ	23.9450, 19.1200, 14.9976
YIQ	122.6310, 41.1240, 14.6280

Conversions

Conversions Part 2

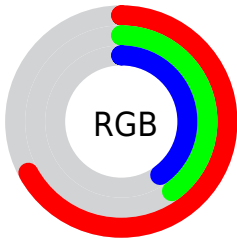
Format	Color
RYB	171, 102, 102
Decimal	11232870
CIELab	50.83, 27.74, 11.93
CIElCh	51, 30.196, 23.274
Yxy	19.1200, 0.4124, 0.3293
Android (android.graphics.Color)	4289422950 (0xFFAB6666)
YUV	122.6310, -10.1711, 42.4196
Hunter-Lab	43.7264, 21.2270, 10.2728

Details

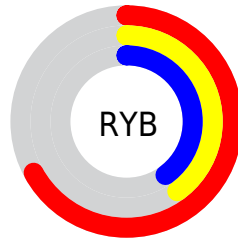
The Yxy color **19.1200, 0.4124, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.8907, 0.2582, 0.3288**, and the grayscale version is **19.7039, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.9051, 0.3887, 0.3304**, and **6.5350, 0.4561, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **15.7945, 0.4520, 0.3294**, and if you desaturate by 10%, it is **23.2105, 0.3793, 0.3292**.

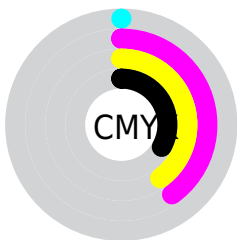
Distribution



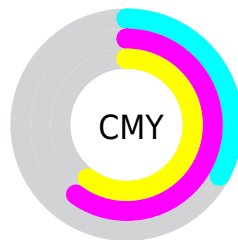
- Red (67%)
- Green (40%)
- Blue (40%)



- Red (67%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (40%)
- Yellow (40%)
- Black (33%)





- Cyan (33%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.1200, 0.4124, 0.3293 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 19.1200, 0.4124, 0.3293 by changing the saturation by 10% instead.


 19.1200, 0.4124,
0.3293


 19.1200, 0.4124,
0.3293


247.1104, 0.3547,
0.3308


 11.7570, 0.4301,
0.3280


 41.9368, 0.3892,
0.3304


 6.5784, 0.4552,
0.3255


 58.1594, 0.3812,
0.3306

 3.1999, 0.4932,
0.3201

 78.1039, 0.3747,
0.3307

 1.2370, 0.5675,
0.3132

 102.1549, 0.3693,
0.3308

 0.0916, 0.8930,
0.1070

130.6966, 0.3648,
0.3308

 0.0000, 0.0000,
0.0000

164.1135, 0.3609,

0.3308

202.7900, 0.3576,
0.3308

■ 19.1200, 0.4124,
0.3293

■ 19.1200, 0.4124,
0.3293

■ 15.7945, 0.4520,
0.3294

■ 23.2105, 0.3793,
0.3292

■ 13.1840, 0.4971,
0.3296

■ 28.1065, 0.3523,
0.3291

■ 11.2369, 0.5445,
0.3297


■ 33.8489, 0.3306,
0.3291


■ 9.8934, 0.5881,
0.3298

■ 40.4749, 0.3133,
0.3290


■ 9.0833, 0.6206,
0.3299

■ 48.0198, 0.2993,
0.3290

 8.6589, 0.6401,
0.3300

 56.5168, 0.2881,
0.3289

 65.9973, 0.2790,
0.3289

 76.4915, 0.2715,
0.3289

 87.3986, 0.2657,
0.3289

Harmonies

Analogous

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



19.1200, 0.3685, 0.2881



19.1200, 0.4124, 0.3293



19.1200, 0.4260, 0.3735

Triad

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



19.1200, 0.4124, 0.3293



19.1200, 0.3065, 0.4196



19.1200, 0.2236, 0.2442

Complementary

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



19.1200, 0.4124, 0.3293



34.8907, 0.2582, 0.3288

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.



19.1200, 0.2109, 0.2694



19.1200, 0.4124, 0.3293



19.1200, 0.2555, 0.3738

Square

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



19.1200, 0.4124, 0.3293



19.1200, 0.3618, 0.4322



19.1200, 0.2216, 0.3160



19.1200, 0.2585, 0.2408

Rectangle

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



19.1200, 0.4124, 0.3293



19.1200, 0.4162, 0.4005



19.1200, 0.2216, 0.3160



19.1200, 0.2168, 0.2501

Sweetspot

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



19.1209, 0.4124, 0.3293



58.5899, 0.3343, 0.3291



21.1010, 0.3173, 0.2317



12.7676, 0.3369, 0.3291



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.



19.1209, 0.4124, 0.3293



29.0985, 0.4456, 0.3294



27.3675, 0.3909, 0.3811



8.0155, 0.3286, 0.3291



6.5271, 0.6401, 0.3300



0.1816, 0.6400, 0.3300

Inverse Universe

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



34.8907, 0.2582, 0.3288



61.0931, 0.2495, 0.3288



23.5148, 0.2491, 0.2698



9.0720, 0.2987, 0.3290



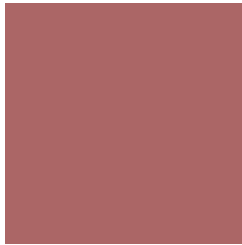
24.1688, 0.2247, 0.3287



0.6724, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 19.1200, 0.4124, 0.3293 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 19.1200, 0.4124, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

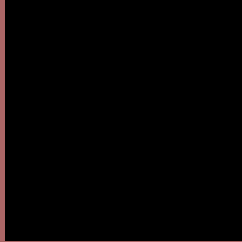
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.1200, 0.4124, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 19.1200, 0.4124, 0.3293.



This preview shows how white text looks on a background with the Yxy color 19.1200, 0.4124, 0.3293.

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

19.1200, 0.4124, 0.3293

Protanopia

19.2802, 0.3296, 0.3460

Deuteranopia

19.2862, 0.3672, 0.3613



Tritanopia

19.1607, 0.4053, 0.3186

Trichromacy



Original Color

19.1200, 0.4124, 0.3293

Protanomaly

18.8681, 0.3580, 0.3398

Deuteranomaly

19.1838, 0.3835, 0.3496

Tritanomaly

19.1186, 0.4083, 0.3217

Monochromacy



Original Color

19.1200, 0.4124, 0.3293

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.0747, 0.3458, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.1200, 0.4124, 0.3293 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(171, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(171, 102, 102)  
}
```

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(171, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 102, 102) }
```

Border

The CSS property to change the border of an element to Yxy 19.1200, 0.4124, 0.3293 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(171, 102, 102) }
```

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

```
.border{ border-color:rgb(171, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(171, 102,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 19.1200, 0.4124, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 102, 102) }
```

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

```
.background{ background-color: rgb(171,  
102, 102) }
```

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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