

Converting Colors

$Y_{xy}(19.9952, 0.4019, 0.3199)$

Have a look what the booklet for
Yxy(19.9952, 0.4019, 0.3199)
contains.

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Color

Yxy(19.9107, 0.4020, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	AD686E
RGB	173, 104, 110
RGB Percent	68%, 41%, 43%
CMY	0.3216, 0.5921, 0.5687
CMYK	0.00, 0.40, 0.36, 0.32
HSL	355°, 30%, 54%
HSV	355°, 40%, 68%
XYZ	24.9972, 19.9107, 17.2742
YIQ	125.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

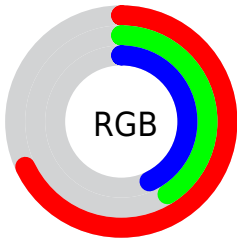
Format	Color
R_{YB}	173, 104, 110
Decimal	11364462
CIE _{Lab}	51.74, 28.38, 8.52
CIE _{LCh}	52, 29.631, 16.702
Yxy	19.9107, 0.4020, 0.3202
Android (android.graphics.Color)	4289554542 (0xFFAD686E)
YUV	125.3150, -7.5503, 41.8197
Hunter-Lab	44.6214, 21.9094, 8.2822

Details

The Yxy color **19.9107, 0.4020, 0.3202** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.6197, 0.2625, 0.3385**, and the grayscale version is **20.6365, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.1731, 0.3817, 0.3234**, and **6.9428, 0.4384, 0.3126** is the 20% darker color. If you saturate the color by 10%, you get **16.4647, 0.4378, 0.3183**, and if you desaturate by 10%, it is **24.1345, 0.3722, 0.3224**.

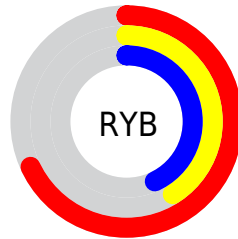
Distribution



Red (68%)

Green (41%)

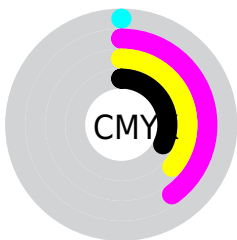
Blue (43%)



Red (68%)

Yellow (41%)

Blue (43%)

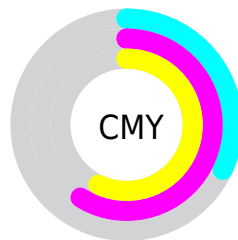


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (32%)



Cyan (32%)


Magenta (59%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9107, 0.4020, 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 19.9107, 0.4020, 0.3202 by changing the saturation by 10% instead.


 19.9107, 0.4020,
0.3202


 19.9107, 0.4020,
0.3202


251.4313, 0.3507,
0.3263


 12.3301, 0.4176,
0.3178


 43.2674, 0.3814,
0.3230

 6.9689, 0.4397,
0.3140


 59.8124, 0.3743,
0.3239

 3.4427, 0.4731,
0.3073

 80.1142, 0.3685,
0.3245

 1.3670, 0.5296,
0.2941

 104.5574, 0.3637,
0.3250

 0.1922, 0.8201,
0.1799

133.5263, 0.3597,
0.3255

 0.0000, 0.0000,
0.0000

167.4054, 0.3562,

0.3258

206.5789, 0.3533,
0.3261

■ 19.9107, 0.4020,
0.3202

■ 19.9107, 0.4020,
0.3202

■ 16.4647, 0.4378,
0.3183

■ 24.1345, 0.3722,
0.3224

■ 13.7462, 0.4791,
0.3170

■ 29.1763, 0.3479,
0.3247

■ 11.7039, 0.5239,
0.3169


■ 35.0772, 0.3283,
0.3269

■ 10.2782, 0.5677,
0.3182


■ 41.8748, 0.3125,
0.3290


■ 9.3996, 0.6044,
0.3212

■ 49.6041, 0.2998,
0.3309

 8.9234, 0.6296,
0.3243

 58.2986, 0.2895,
0.3327

 8.9182, 0.6298,
0.3243

 67.9899, 0.2811,
0.3343

 78.7083, 0.2742,
0.3357

 87.4440, 0.2680,
0.3319

Harmonies

Analogous

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



19.9107, 0.3550, 0.2816



19.9107, 0.4020, 0.3202



19.9107, 0.4224, 0.3632

Triad

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



19.9107, 0.4020, 0.3202



19.9107, 0.3188, 0.4222



19.9107, 0.2216, 0.2502

Complementary

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



19.9107, 0.4020, 0.3202



35.6197, 0.2625, 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.



19.9107, 0.2141, 0.2797



19.9107, 0.4020, 0.3202



19.9107, 0.2671, 0.3839

Square

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



19.9107, 0.4020, 0.3202



19.9107, 0.3714, 0.4270



19.9107, 0.2297, 0.3285



19.9107, 0.2510, 0.2423

Rectangle

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



19.9107, 0.4020, 0.3202



19.9107, 0.4177, 0.3905



19.9107, 0.2297, 0.3285



19.9107, 0.2165, 0.2576

Sweetspot

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



19.9117, 0.4020, 0.3202



60.2196, 0.3325, 0.3264



21.0368, 0.3090, 0.2302



12.7928, 0.3348, 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.



19.9117, 0.4020, 0.3202



30.0683, 0.4338, 0.3185



26.2786, 0.3939, 0.3706



8.0262, 0.3273, 0.3271



6.5560, 0.6283, 0.3235



0.1859, 0.5829, 0.2985

Inverse Universe

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



19.9117, 0.4020, 0.3202



30.0683, 0.4338, 0.3185



26.3341, 0.2516, 0.2827



8.0262, 0.3273, 0.3271



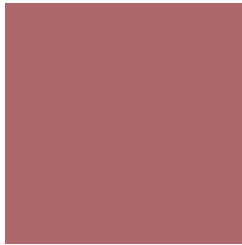
6.5560, 0.6283, 0.3235



0.1859, 0.5829, 0.2985

Previews

White Background



This preview shows how the Yxy color 19.9107, 0.4020, 0.3202 looks on a white background.

Color Contrast Check

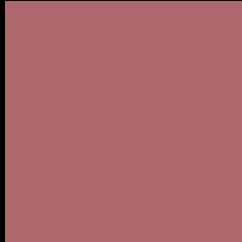
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9107, 0.4020, 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 19.9107, 0.4020, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 19.9107, 0.4020, 0.3202.



This preview shows how white text looks on a background with the Yxy color 19.9107, 0.4020, 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

19.9107, 0.4020, 0.3202

Protanopia

20.0340, 0.3211, 0.3346

Deuteranopia

20.0060, 0.3573, 0.3503



Tritanopia

19.9326, 0.4005, 0.3187

Trichromacy



Original Color

19.9107, 0.4020, 0.3202

Protanomaly

19.6810, 0.3495, 0.3291

Deuteranomaly

19.8896, 0.3729, 0.3393

Tritanomaly

19.9326, 0.4005, 0.3187

Monochromacy



Original Color

19.9107, 0.4020, 0.3202

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.8294, 0.3414, 0.3238

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9107, 0.4020, 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, 104, 110)` looks like.

```
.text, #text, p{  
    color:rgb(173, 104, 110)  
}
```

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, 104, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 104, 110) }
```

Border

The CSS property to change the border of an element to Yxy 19.9107, 0.4020, 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, 104, 110) }
```

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

```
.border{ border-color:rgb(173, 104, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 104, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 104, 110); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 104, 110); box-shadow:4px 4px 4px 4px rgb(173, 104, 110) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9107, 0.4020, 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, 104, 110) }
```

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

```
.background{ background-color: rgb(173,  
104, 110) }
```

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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