

Converting Colors

$Y_{xy}(18.0052, 0.4174, 0.3150)$

Have a look what the booklet for
Yxy(18.0052, 0.4174, 0.3150)
contains.

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Color

Yxy(17.8891, 0.4170, 0.3143)

Conversions

Conversions Part 1

Format	Color
Hex	AD5E68
RGB	173, 94, 104
RGB Percent	68%, 37%, 41%
CMY	0.3216, 0.6313, 0.5922
CMYK	0.00, 0.46, 0.40, 0.32
HSL	352°, 33%, 52%
HSV	352°, 46%, 68%
XYZ	23.7345, 17.8891, 15.2937
YIQ	118.7610, 43.8740, 19.8580

Conversions

Conversions Part 2

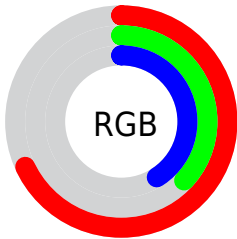
Format	Color
R_{YB}	173, 94, 104
Decimal	11361896
CIE _{Lab}	49.36, 33.13, 8.73
CIE _{LCh}	49, 34.261, 14.760
Yxy	17.8891, 0.4170, 0.3143
Android (android.graphics.Color)	4289551976 (0xFFAD5E68)
YUV	118.7610, -7.2772, 47.5676
Hunter-Lab	42.2955, 26.1497, 8.1681

Details

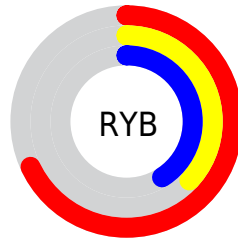
The Yxy color **17.8891, 0.4170, 0.3143** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.9131, 0.2589, 0.3453**, and the grayscale version is **18.3817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.9133, 0.3926, 0.3188**, and **6.0237, 0.4638, 0.3054** is the 20% darker color. If you saturate the color by 10%, you get **14.8701, 0.4543, 0.3118**, and if you desaturate by 10%, it is **21.6545, 0.3853, 0.3174**.

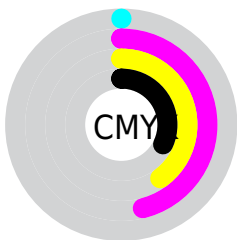
Distribution



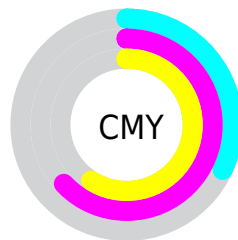
- Red (68%)
- Green (37%)
- Blue (41%)



- Red (68%)
- Yellow (37%)
- Blue (41%)



- Cyan (0%)
- Magenta (46%)
- Yellow (40%)
- Black (32%)





- Cyan (32%)
- Magenta (63%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.8891, 0.4170, 0.3143 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 17.8891, 0.4170, 0.3143 by changing the saturation by 10% instead.


 17.8891, 0.4170,
0.3143


 17.8891, 0.4170,
0.3143


240.2452, 0.3562,
0.3242


 10.8704, 0.4359,
0.3105


 39.8483, 0.3924,
0.3187


 5.9798, 0.4629,
0.3045

 55.5575, 0.3839,
0.3201

 2.8328, 0.5044,
0.2941

 74.9324, 0.3771,
0.3212

 1.0451, 0.5844,
0.2779

 98.3573, 0.3715,
0.3221

 0.0000, 1.0000,
0.0000

126.2167, 0.3667,
0.3227

 0.0000, 0.0000,
0.0000

158.8948, 0.3627,

0.3233

196.7762, 0.3592,
0.3238

■ 17.8891, 0.4170,
0.3143

■ 17.8891, 0.4170,
0.3143

■ 14.8701, 0.4543,
0.3118

■ 21.6545, 0.3853,
0.3174

■ 12.5453, 0.4963,
0.3106

■ 26.2086, 0.3592,
0.3208

■ 10.8599, 0.5400,
0.3112


■ 31.5938, 0.3380,
0.3241


■ 9.7497, 0.5806,
0.3141


■ 37.8486, 0.3209,
0.3273

■ 9.1332, 0.6124,
0.3190

■ 45.0093, 0.3071,
0.3303

 8.9418, 0.6233,
0.3207

 53.1098, 0.2959,
0.3330

 62.1826, 0.2868,
0.3354

 72.2583, 0.2794,
0.3376

 83.3665, 0.2732,
0.3397

Harmonies

Analogous

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



17.8891, 0.3586, 0.2705



17.8891, 0.4170, 0.3143



17.8891, 0.4436, 0.3640

Triad

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



17.8891, 0.4170, 0.3143



17.8891, 0.3227, 0.4441



17.8891, 0.2044, 0.2371

Complementary

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



17.8891, 0.4170, 0.3143



34.9131, 0.2589, 0.3453

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.



17.8891, 0.1973, 0.2722



17.8891, 0.4170, 0.3143



17.8891, 0.2613, 0.3997

Square

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



17.8891, 0.4170, 0.3143



17.8891, 0.3847, 0.4448



17.8891, 0.2166, 0.3317



17.8891, 0.2367, 0.2272

Rectangle

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



17.8891, 0.4170, 0.3143



17.8891, 0.4388, 0.3967



17.8891, 0.2166, 0.3317



17.8891, 0.1992, 0.2459

Sweetspot

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



17.8900, 0.4170, 0.3143



58.0731, 0.3354, 0.3246



18.7542, 0.3049, 0.2154



12.1447, 0.3393, 0.3239



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.



17.8900, 0.4170, 0.3143



26.4889, 0.4555, 0.3118



23.8514, 0.4115, 0.3727



8.0312, 0.3267, 0.3262



6.5738, 0.6214, 0.3197



0.1879, 0.5610, 0.2864

Inverse Universe

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



17.8900, 0.4170, 0.3143



26.4889, 0.4555, 0.3118



25.3548, 0.2439, 0.2794



8.0312, 0.3267, 0.3262



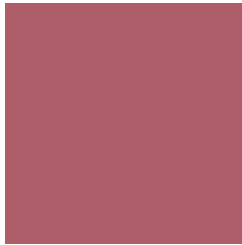
6.5738, 0.6214, 0.3197



0.1879, 0.5610, 0.2864

Previews

White Background



This preview shows how the Yxy color 17.8891, 0.4170, 0.3143 looks on a white 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

Black Background



This preview shows how the Yxy color 17.8891, 0.4170, 0.3143 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

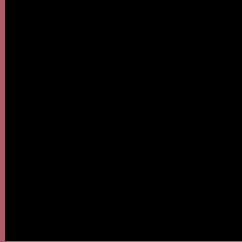
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8891, 0.4170, 0.3143

Background



This preview shows how black text looks on a background with the Yxy color 17.8891, 0.4170, 0.3143.



This preview shows how white text looks on a background with the Yxy color 17.8891, 0.4170, 0.3143.

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

17.8891, 0.4170, 0.3143

Protanopia

17.9766, 0.3177, 0.3309

Deuteranopia

17.9007, 0.3581, 0.3513



Tritanopia

17.8292, 0.4217, 0.3188

Trichromacy



Original Color

17.8891, 0.4170, 0.3143

Protanomaly

17.5961, 0.3503, 0.3237

Deuteranomaly

17.6569, 0.3797, 0.3361

Tritanomaly

17.8490, 0.4201, 0.3173

Monochromacy



Original Color

17.8891, 0.4170, 0.3143

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.8557, 0.3472, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8891, 0.4170, 0.3143 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, 94, 104)` looks like.

```
.text, #text, p{  
  color:rgb(173, 94, 104)  
}
```

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, 94, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 94, 104) }
```

Border

The CSS property to change the border of an element to Yxy 17.8891, 0.4170, 0.3143 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, 94, 104) }
```

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

```
.border{ border-color:rgb(173, 94, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 94, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 94, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 94, 104);  
box-shadow:4px 4px 4px 4px rgb(173, 94,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8891, 0.4170, 0.3143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 94, 104) }
```

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

```
.background{ background-color: rgb(173, 94,  
104) }
```

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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