

Converting Colors

$Y_{xy}(18.4938, 0.4001, 0.3092)$

Have a look what the booklet for
Yxy(18.4938, 0.4001, 0.3092)
contains.

Yxy(18.4291, 0.3997, 0.3093)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(18.4291, 0.3997, 0.3093)

Conversions

Conversions Part 1

Format	Color
Hex	AA626F
RGB	170, 98, 111
RGB Percent	67%, 38%, 44%
CMY	0.3333, 0.6157, 0.5647
CMYK	0.00, 0.42, 0.35, 0.33
HSL	349°, 30%, 53%
HSV	349°, 42%, 67%
XYZ	23.8154, 18.4291, 17.3387
YIQ	121.0100, 38.7390, 19.3070

Conversions

Conversions Part 2

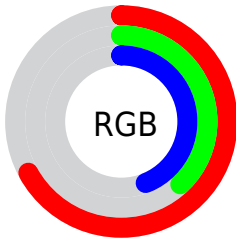
Format	Color
R _Y B	170, 98, 111
Decimal	11166319
CIE Lab	50.01, 30.68, 5.41
CIE LCh	50, 31.154, 10.000
Yxy	18.4291, 0.3997, 0.3093
Android (android.graphics.Color)	4289356399 (0xFFAA626F)
YUV	121.0100, -4.9349, 42.9642
Hunter-Lab	42.9291, 23.8989, 6.1036

Details

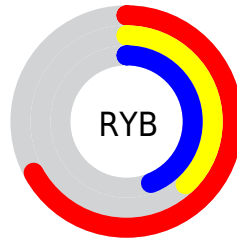
The Yxy color **18.4291, 0.3997, 0.3093** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.7840, 0.2646, 0.3506**, and the grayscale version is **19.1311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7879, 0.3787, 0.3140**, and **6.2003, 0.4382, 0.2997** is the 20% darker color. If you saturate the color by 10%, you get **15.2960, 0.4327, 0.3052**, and if you desaturate by 10%, it is **22.2876, 0.3720, 0.3140**.

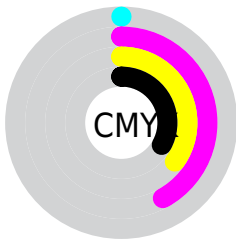
Distribution



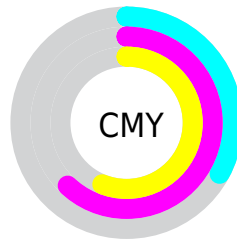
- Red (67%)
- Green (38%)
- Blue (44%)



- Red (67%)
- Yellow (38%)
- Blue (44%)



- Cyan (0%)
- Magenta (42%)
- Yellow (35%)
- Black (33%)





- Cyan (33%)
- Magenta (62%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.4291, 0.3997, 0.3093 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 18.4291, 0.3997, 0.3093 by changing the saturation by 10% instead.


 18.4291, 0.3997,
0.3093


 18.4291, 0.3997,
0.3093


243.2787, 0.3493,
0.3214


 11.2585, 0.4153,
0.3052


 40.7672, 0.3793,
0.3144


 6.2410, 0.4376,
0.2990

 56.7034, 0.3724,
0.3161

 2.9922, 0.4718,
0.2889

 76.3303, 0.3667,
0.3175

 1.1276, 0.5309,
0.2704

 100.0323, 0.3620,
0.3185

 0.0014, 0.9982,
0.0018

128.1937, 0.3580,
0.3195

 0.0000, 0.0000,
0.0000

161.1990, 0.3547,

0.3202

199.4325, 0.3518,
0.3209

■ 18.4291, 0.3997,
0.3093

■ 18.4291, 0.3997,
0.3093

■ 15.2960, 0.4327,
0.3052

■ 22.2876, 0.3720,
0.3140

■ 12.8401, 0.4706,
0.3025

■ 26.9101, 0.3493,
0.3188

■ 11.0119, 0.5118,
0.3018


■ 32.3359, 0.3308,
0.3235

■ 9.7537, 0.5528,
0.3040

■ 38.6008, 0.3158,
0.3280


■ 8.9971, 0.5889,
0.3093


■ 45.7382, 0.3037,
0.3321

 8.6442, 0.6112,
0.3141

 53.7798, 0.2938,
0.3359

 62.7560, 0.2857,
0.3393

 72.6953, 0.2791,
0.3424

 83.6253, 0.2736,
0.3453

Harmonies

Analogous

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



18.4291, 0.3447, 0.2703



18.4291, 0.3997, 0.3093



18.4291, 0.4292, 0.3547

Triad

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



18.4291, 0.3997, 0.3093



18.4291, 0.3318, 0.4346



18.4291, 0.2113, 0.2493

Complementary

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



18.4291, 0.3997, 0.3093



33.7840, 0.2646, 0.3506

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.



18.4291, 0.2087, 0.2856



18.4291, 0.3997, 0.3093



18.4291, 0.2748, 0.4005

Square

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



18.4291, 0.3997, 0.3093



18.4291, 0.3865, 0.4307



18.4291, 0.2306, 0.3417



18.4291, 0.2375, 0.2362

Rectangle

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



18.4291, 0.3997, 0.3093



18.4291, 0.4291, 0.3848



18.4291, 0.2306, 0.3417



18.4291, 0.2078, 0.2588

Sweetspot

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



18.4300, 0.3997, 0.3093



57.7371, 0.3323, 0.3231



18.7868, 0.3013, 0.2221



12.3796, 0.3360, 0.3221



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.



18.4300, 0.3997, 0.3093



27.9689, 0.4311, 0.3054



23.0557, 0.4043, 0.3642



7.5636, 0.3258, 0.3249



6.3643, 0.6089, 0.3128



0.1610, 0.5299, 0.2693

Inverse Universe

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



18.4300, 0.3997, 0.3093



27.9689, 0.4311, 0.3054



26.4308, 0.2498, 0.2900



7.5636, 0.3258, 0.3249



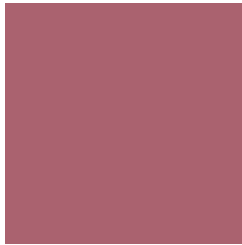
6.3643, 0.6089, 0.3128



0.1610, 0.5299, 0.2693

Previews

White Background



This preview shows how the Yxy color 18.4291, 0.3997, 0.3093 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 18.4291, 0.3997, 0.3093 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

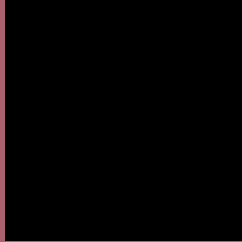
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4291, 0.3997, 0.3093

Background



This preview shows how black text looks on a background with the Yxy color 18.4291, 0.3997, 0.3093.



This preview shows how white text looks on a background with the Yxy color 18.4291, 0.3997, 0.3093.

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

18.4291, 0.3997, 0.3093

Protanopia

18.6887, 0.3106, 0.3214

Deuteranopia

18.4951, 0.3481, 0.3419



Tritanopia

18.5103, 0.4068, 0.3185

Trichromacy



Original Color

18.4291, 0.3997, 0.3093

Protanomaly

18.1898, 0.3403, 0.3148

Deuteranomaly

18.3373, 0.3669, 0.3292

Tritanomaly

18.5524, 0.4037, 0.3154

Monochromacy



Original Color

18.4291, 0.3997, 0.3093

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.5836, 0.3424, 0.3219

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4291, 0.3997, 0.3093 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(170, 98, 111)` looks like.

```
.text, #text, p{  
    color:rgb(170, 98, 111)  
}
```

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(170, 98, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 98, 111) }
```

Border

The CSS property to change the border of an element to Yxy 18.4291, 0.3997, 0.3093 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(170, 98, 111) }
```

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

```
.border{ border-color:rgb(170, 98, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 98, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 98, 111); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 98, 111); box-shadow:4px 4px 4px 4px rgb(170, 98, 111) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4291, 0.3997, 0.3093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 98, 111) }
```

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

```
.background{ background-color: rgb(170, 98,  
111) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor