

Converting Colors

$Y_{xy}(18.3915, 0.4026, 0.3081)$

Have a look what the booklet for
Yxy(18.3915, 0.4026, 0.3081)
contains.

Yxy(18.4677, 0.4029, 0.3080)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.4677, 0.4029, 0.3080)

Conversions

Conversions Part 1

Format	Color
Hex	AC616F
RGB	172, 97, 111
RGB Percent	67%, 38%, 44%
CMY	0.3255, 0.6196, 0.5646
CMYK	0.00, 0.44, 0.35, 0.33
HSL	349°, 31%, 53%
HSV	349°, 44%, 67%
XYZ	24.1579, 18.4677, 17.3345
YIQ	121.0210, 40.2060, 20.2540

Conversions

Conversions Part 2

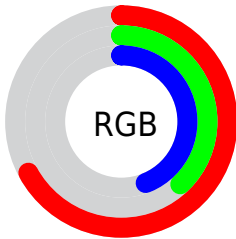
Format	Color
R_{YB}	172, 97, 111
Decimal	11297135
CIE Lab	50.06, 31.99, 5.50
CIE LCh	50, 32.455, 9.753
Yxy	18.4677, 0.4029, 0.3080
Android (android.graphics.Color)	4289487215 (0xFFAC616F)
YUV	121.0210, -4.9404, 44.7086
Hunter-Lab	42.9741, 25.1393, 6.1660

Details

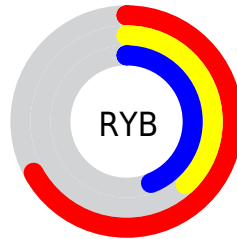
The Yxy color **18.4677, 0.4029, 0.3080** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.5150, 0.2638, 0.3522**, and the grayscale version is **19.1349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7972, 0.3810, 0.3129**, and **6.2660, 0.4405, 0.2962** is the 20% darker color. If you saturate the color by 10%, you get **15.3428, 0.4363, 0.3039**, and if you desaturate by 10%, it is **22.3318, 0.3748, 0.3128**.

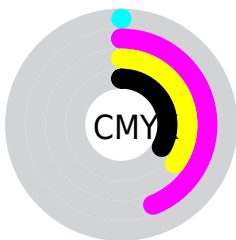
Distribution



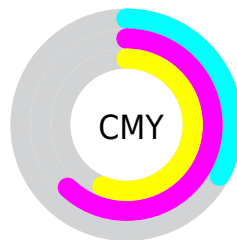
- Red (67%)
- Green (38%)
- Blue (44%)



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



- Cyan (0%)
- Magenta (44%)
- Yellow (35%)
- Black (33%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.4677, 0.4029, 0.3080 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 18.4677, 0.4029, 0.3080 by changing the saturation by 10% instead.


 18.4677, 0.4029,
0.3080


 18.4677, 0.4029,
0.3080


243.4942, 0.3506,
0.3209


 11.2863, 0.4190,
0.3036


 40.8327, 0.3818,
0.3134


 6.2597, 0.4420,
0.2971


 56.7850, 0.3746,
0.3152

 3.0037, 0.4773,
0.2864

 76.4298, 0.3687,
0.3167

 1.1336, 0.5381,
0.2669

 100.1515, 0.3638,
0.3178

 0.0065, 0.9918,
0.0082

128.3343, 0.3597,
0.3188

 0.0000, 0.0000,
0.0000

161.3628, 0.3563,

0.3196

199.6213, 0.3533,
0.3203

■ 18.4677, 0.4029,
0.3080

■ 18.4677, 0.4029,
0.3080

■ 15.3428, 0.4363,
0.3039

■ 22.3318, 0.3748,
0.3128

■ 12.9070, 0.4745,
0.3012

■ 26.9754, 0.3516,
0.3178

■ 11.1087, 0.5156,
0.3008


■ 32.4392, 0.3328,
0.3227


■ 9.8874, 0.5562,
0.3034


■ 38.7601, 0.3175,
0.3274

■ 9.1708, 0.5913,
0.3092


■ 45.9729, 0.3051,
0.3317

 8.8758, 0.6098,
0.3133

 54.1105, 0.2950,
0.3357

 63.2039, 0.2868,
0.3393

 73.2830, 0.2801,
0.3426

 84.3761, 0.2745,
0.3455

Harmonies

Analogous

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



18.4677, 0.3454, 0.2679



18.4677, 0.4029, 0.3080



18.4677, 0.4339, 0.3548

Triad

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



18.4677, 0.4029, 0.3080



18.4677, 0.3328, 0.4394



18.4677, 0.2075, 0.2464

Complementary

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



18.4677, 0.4029, 0.3080



34.5150, 0.2638, 0.3522

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.



18.4677, 0.2050, 0.2840



18.4677, 0.4029, 0.3080



18.4677, 0.2736, 0.4041

Square

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



18.4677, 0.4029, 0.3080



18.4677, 0.3895, 0.4345



18.4677, 0.2277, 0.3426



18.4677, 0.2344, 0.2329

Rectangle

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



18.4677, 0.4029, 0.3080



18.4677, 0.4339, 0.3861



18.4677, 0.2277, 0.3426



18.4677, 0.2039, 0.2562

Sweetspot

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



18.4686, 0.4029, 0.3080



59.2457, 0.3321, 0.3229



18.6966, 0.2993, 0.2184



12.3818, 0.3358, 0.3219



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.



18.4686, 0.4029, 0.3080



28.1744, 0.4339, 0.3041



22.9473, 0.4090, 0.3634



8.0389, 0.3258, 0.3248



6.6112, 0.6076, 0.3121



0.1910, 0.5315, 0.2702

Inverse Universe

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



18.4686, 0.4029, 0.3080



28.1744, 0.4339, 0.3041



27.1739, 0.2484, 0.2908



8.0389, 0.3258, 0.3248



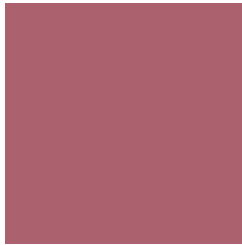
6.6112, 0.6076, 0.3121



0.1910, 0.5315, 0.2702

Previews

White Background



This preview shows how the Yxy color 18.4677, 0.4029, 0.3080 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 18.4677, 0.4029, 0.3080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

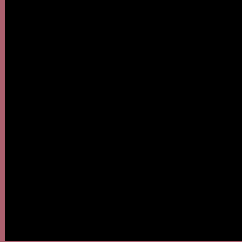
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.4677, 0.4029, 0.3080

Background



This preview shows how black text looks on a background with the Yxy color 18.4677, 0.4029, 0.3080.



This preview shows how white text looks on a background with the Yxy color 18.4677, 0.4029, 0.3080.

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

18.4677, 0.4029, 0.3080

Protanopia

18.6887, 0.3106, 0.3214

Deuteranopia

18.4951, 0.3481, 0.3419



Tritanopia

18.4132, 0.4103, 0.3186

Trichromacy



Original Color

18.4677, 0.4029, 0.3080

Protanomaly

18.2762, 0.3416, 0.3149

Deuteranomaly

18.1252, 0.3674, 0.3274

Tritanomaly

18.4548, 0.4072, 0.3155

Monochromacy



Original Color

18.4677, 0.4029, 0.3080

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.4481, 0.3440, 0.3202

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.4677, 0.4029, 0.3080 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, 97, 111)` looks like.

```
.text, #text, p{  
    color:rgb(172, 97, 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(172, 97, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 97, 111) }
```

Border

The CSS property to change the border of an element to Yxy 18.4677, 0.4029, 0.3080 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, 97, 111) }
```

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

```
.border{ border-color:rgb(172, 97, 111) }
```

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

Here you see how a box with a 4 pixel rgb(172, 97, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 97, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 97, 111);  
box-shadow:4px 4px 4px 4px rgb(172, 97,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 18.4677, 0.4029, 0.3080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 97, 111) }
```

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

```
.background{ background-color: rgb(172, 97,  
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](#).

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