

Converting Colors

$Y_{xy}(18.8936, 0.4166, 0.3110)$

Have a look what the booklet for
Yxy(18.8936, 0.4166, 0.3110)
contains.

Yxy(18.9134, 0.4162, 0.3117)	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(18.9134, 0.4162, 0.3117)

Conversions

Conversions Part 1

Format	Color
Hex	B2606C
RGB	178, 96, 108
RGB Percent	70%, 38%, 42%
CMY	0.3019, 0.6236, 0.5764
CMYK	0.00, 0.46, 0.39, 0.30
HSL	351°, 35%, 54%
HSV	351°, 46%, 70%
XYZ	25.2543, 18.9134, 16.5105
YIQ	121.8860, 45.0200, 21.1160

Conversions

Conversions Part 2

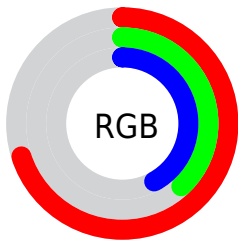
Format	Color
R _Y B	178, 96, 108
Decimal	11690092
CIE Lab	50.59, 34.43, 8.15
CIE LCh	51, 35.386, 13.320
Yxy	18.9134, 0.4162, 0.3117
Android (android.graphics.Color)	4289880172 (0xFFB2606C)
YUV	121.8860, -6.8458, 49.2120
Hunter-Lab	43.4895, 27.5478, 7.9336

Details

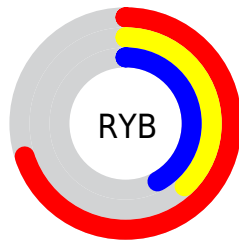
The Yxy color **18.9134, 0.4162, 0.3117** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **37.0894, 0.2594, 0.3483**, and the grayscale version is **19.4349, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.5159, 0.3925, 0.3168**, and **6.4285, 0.4598, 0.3002** is the 20% darker color. If you saturate the color by 10%, you get **15.7301, 0.4529, 0.3088**, and if you desaturate by 10%, it is **22.8904, 0.3850, 0.3153**.

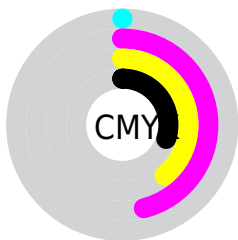
Distribution



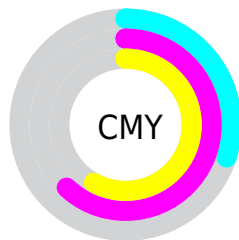
- Red (70%)
- Green (38%)
- Blue (42%)



- Red (70%)
- Yellow (38%)
- Blue (42%)



- Cyan (0%)
- Magenta (46%)
- Yellow (39%)
- Black (30%)





- Cyan (30%)
- Magenta (62%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 18.9134, 0.4162, 0.3117 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 18.9134, 0.4162, 0.3117 by changing the saturation by 10% instead.


 18.9134, 0.4162,
0.3117


 18.9134, 0.4162,
0.3117


245.9703, 0.3564,
0.3229


 11.6077, 0.4345,
0.3076


 41.5877, 0.3921,
0.3166

 6.4772, 0.4606,
0.3014


 57.7251, 0.3838,
0.3182

 3.1373, 0.5000,
0.2909

 77.5753, 0.3771,
0.3194

 1.2038, 0.5685,
0.2720

 101.5225, 0.3715,
0.3204

 0.0648, 0.9330,
0.0670

129.9512, 0.3668,
0.3212

 0.0000, 0.0000,
0.0000

163.2458, 0.3628,

0.3219

201.7907, 0.3594,
0.3224

■ 18.9134, 0.4162,
0.3117

■ 18.9134, 0.4162,
0.3117

■ 15.7301, 0.4529,
0.3088

■ 22.8904, 0.3850,
0.3153

■ 13.2845, 0.4942,
0.3073

■ 27.7067, 0.3593,
0.3193

■ 11.5178, 0.5373,
0.3080


■ 33.4075, 0.3383,
0.3231


■ 10.3608, 0.5776,
0.3112

■ 40.0342, 0.3214,
0.3269

■ 9.7238, 0.6095,
0.3169


■ 47.6254, 0.3077,
0.3303

 9.5428, 0.6196,
0.3187

 56.2178, 0.2966,
0.3335

 65.8457, 0.2876,
0.3364

 76.5423, 0.2802,
0.3390

 87.5650, 0.2741,
0.3401

Harmonies

Analogous

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



18.9134, 0.3559, 0.2679



18.9134, 0.4162, 0.3117



18.9134, 0.4450, 0.3618

Triad

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



18.9134, 0.4162, 0.3117



18.9134, 0.3259, 0.4469



18.9134, 0.2022, 0.2370

Complementary

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



18.9134, 0.4162, 0.3117



37.0894, 0.2594, 0.3483

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.



18.9134, 0.1963, 0.2738



18.9134, 0.4162, 0.3117



18.9134, 0.2632, 0.4038

Square

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



18.9134, 0.4162, 0.3117



18.9134, 0.3883, 0.4454



18.9134, 0.2170, 0.3350



18.9134, 0.2336, 0.2260

Rectangle

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



18.9134, 0.4162, 0.3117



18.9134, 0.4413, 0.3950



18.9134, 0.2170, 0.3350



18.9134, 0.1973, 0.2463

Sweetspot

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



18.9144, 0.4162, 0.3117



62.6458, 0.3349, 0.3239



19.6555, 0.3031, 0.2137



13.3442, 0.3389, 0.3230



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



18.9144, 0.4162, 0.3117



28.5834, 0.4524, 0.3089



24.9036, 0.4140, 0.3712



8.5249, 0.3265, 0.3257



6.8319, 0.6175, 0.3175



0.2213, 0.5546, 0.2829

Inverse Universe

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



18.9144, 0.4162, 0.3117



28.5834, 0.4524, 0.3089



27.2949, 0.2436, 0.2811



8.5249, 0.3265, 0.3257



6.8319, 0.6175, 0.3175



0.2213, 0.5546, 0.2829

Previews

White Background



This preview shows how the Yxy color 18.9134, 0.4162, 0.3117 looks on a white background.

Color Contrast Check

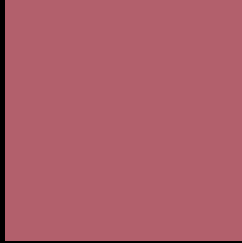
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9134, 0.4162, 0.3117 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

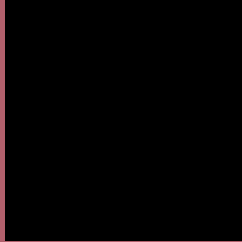
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9134, 0.4162, 0.3117

Background



This preview shows how black text looks on a background with the Yxy color 18.9134, 0.4162, 0.3117.



This preview shows how white text looks on a background with the Yxy color 18.9134, 0.4162, 0.3117.

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

18.9134, 0.4162, 0.3117

Protanopia

19.0244, 0.3153, 0.3271

Deuteranopia

18.9140, 0.3557, 0.3490



Tritanopia

19.0138, 0.4218, 0.3191

Trichromacy



Original Color

18.9134, 0.4162, 0.3117

Protanomaly

18.4695, 0.3497, 0.3203

Deuteranomaly

18.7502, 0.3781, 0.3343

Tritanomaly

19.0343, 0.4202, 0.3176

Monochromacy



Original Color

18.9134, 0.4162, 0.3117

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.8454, 0.3464, 0.3221

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9134, 0.4162, 0.3117 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(178, 96, 108)` looks like.

```
.text, #text, p{  
    color:rgb(178, 96, 108)  
}
```

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(178, 96, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 96, 108) }
```

Border

The CSS property to change the border of an element to Yxy 18.9134, 0.4162, 0.3117 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(178, 96, 108) }
```

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

```
.border{ border-color:rgb(178, 96, 108) }
```

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

Here you see how a box with a 4 pixel rgb(178, 96, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 96, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 96, 108);  
box-shadow:4px 4px 4px 4px rgb(178, 96,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9134, 0.4162, 0.3117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 96, 108) }
```

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

```
.background{ background-color: rgb(178, 96,  
108) }
```

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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