

Converting Colors

$Y_{xy}(18.9006, 0.4267, 0.3042)$

Have a look what the booklet for
Yxy(18.9006, 0.4267, 0.3042)
contains.

Yxy(18.9006, 0.4267, 0.3042)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(18.9006, 0.4267, 0.3042)

Conversions

Conversions Part 1

Format	Color
Hex	B95B6D
RGB	185, 91, 109
RGB Percent	73%, 36%, 43%
CMY	0.2745, 0.6432, 0.5725
CMYK	0.00, 0.51, 0.41, 0.27
HSL	349°, 40%, 54%
HSV	349°, 51%, 73%
XYZ	26.5118, 18.9006, 16.7198
YIQ	121.1580, 50.2460, 25.5260

Conversions

Conversions Part 2

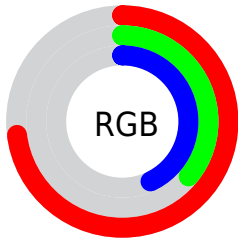
Format	Color
R _Y B	185, 91, 109
Decimal	12147565
CIE Lab	50.57, 39.75, 7.68
CIE LCh	51, 40.483, 10.933
Yxy	18.9006, 0.4267, 0.3042
Android (android.graphics.Color)	4290337645 (0xFFB95B6D)
YUV	121.1580, -5.9939, 55.9894
Hunter-Lab	43.4748, 32.7718, 7.6303

Details

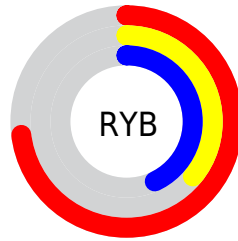
The Yxy color **18.9006, 0.4267, 0.3042** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **39.7182, 0.2578, 0.3576**, and the grayscale version is **19.1820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.7177, 0.4007, 0.3117**, and **6.4546, 0.4736, 0.2903** is the 20% darker color. If you saturate the color by 10%, you get **15.8238, 0.4638, 0.3010**, and if you desaturate by 10%, it is **22.8138, 0.3947, 0.3087**.

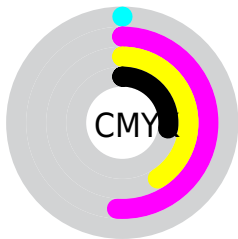
Distribution



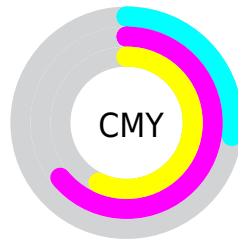
- Red (73%)
- Green (36%)
- Blue (43%)



- Red (73%)
- Yellow (36%)
- Blue (43%)



- Cyan (0%)
- Magenta (51%)
- Yellow (41%)
- Black (27%)




- Cyan (27%)
- Magenta (64%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9006, 0.4267, 0.3042 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 18.9006, 0.4267, 0.3042 by changing the saturation by 10% instead.


 18.9006, 0.4267,
0.3042


 18.9006, 0.4267,
0.3042


245.8995, 0.3609,
0.3198


 11.5985, 0.4468,
0.2988


 41.5661, 0.4003,
0.3108

 6.4709, 0.4751,
0.2907


 57.6982, 0.3912,
0.3130

 3.1335, 0.5178,
0.2775

 77.5425, 0.3837,
0.3147

 1.2018, 0.5901,
0.2540

 101.4832, 0.3776,
0.3161

 0.0632, 0.9430,
0.0570

129.9049, 0.3724,
0.3173

 0.0000, 0.0000,
0.0000

163.1919, 0.3680,

0.3183

201.7287, 0.3642,
0.3191

■ 18.9006, 0.4267,
0.3042

■ 18.9006, 0.4267,
0.3042

■ 15.8238, 0.4638,
0.3010

■ 22.8138, 0.3947,
0.3087

■ 13.5195, 0.5044,
0.2998

■ 27.6155, 0.3679,
0.3137

■ 11.9189, 0.5456,
0.3017

■ 33.3571, 0.3460,
0.3189

■ 10.9399, 0.5826,
0.3069

■ 40.0849, 0.3282,
0.3239

■ 10.4401, 0.6097,
0.3132

■ 47.8425, 0.3138,
0.3286

■ 56.6707, 0.3021,
0.3330

■ 66.6080, 0.2926,
0.3370

■ 77.6913, 0.2848,
0.3406

■ 88.3448, 0.2782,
0.3412

Harmonies

Analogous

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



18.9006, 0.3553, 0.2568



18.9006, 0.4267, 0.3042



18.9006, 0.4628, 0.3593

Triad

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



18.9006, 0.4267, 0.3042



18.9006, 0.3320, 0.4672



18.9006, 0.1872, 0.2270

Complementary

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



18.9006, 0.4267, 0.3042



39.7182, 0.2578, 0.3576

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.



18.9006, 0.1827, 0.2696



18.9006, 0.4267, 0.3042



18.9006, 0.2607, 0.4214

Square

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



18.9006, 0.4267, 0.3042



18.9006, 0.4019, 0.4586



18.9006, 0.2074, 0.3413



18.9006, 0.2196, 0.2134

Rectangle

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



18.9006, 0.4267, 0.3042



18.9006, 0.4602, 0.3968



18.9006, 0.2074, 0.3413



18.9006, 0.1826, 0.2377

Sweetspot

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



18.9016, 0.4267, 0.3042



66.2221, 0.3356, 0.3217



19.1144, 0.2960, 0.2002



13.7371, 0.3394, 0.3207



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



18.9016, 0.4267, 0.3042



27.7791, 0.4684, 0.3007



24.3128, 0.4327, 0.3688



9.0396, 0.3258, 0.3246



7.1158, 0.6069, 0.3117



0.2594, 0.5385, 0.2740

Inverse Universe

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



18.9016, 0.4267, 0.3042



27.7791, 0.4684, 0.3007



29.7765, 0.2386, 0.2830



9.0396, 0.3258, 0.3246



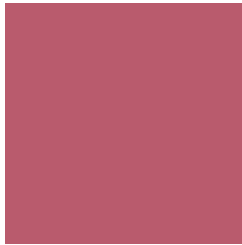
7.1158, 0.6069, 0.3117



0.2594, 0.5385, 0.2740

Previews

White Background



This preview shows how the Yxy color 18.9006, 0.4267, 0.3042 looks on a white background.

Color Contrast Check

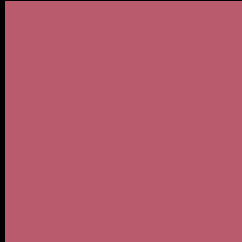
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9006, 0.4267, 0.3042 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 18.9006, 0.4267, 0.3042

Background



This preview shows how black text looks on a background with the Yxy color 18.9006, 0.4267, 0.3042.

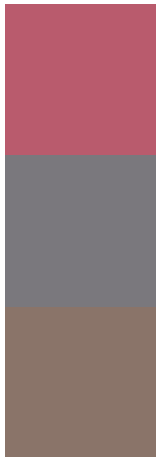


This preview shows how white text looks on a background with the Yxy color 18.9006, 0.4267, 0.3042.

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

18.9006, 0.4267, 0.3042

Protanopia

19.0512, 0.3095, 0.3196

Deuteranopia

18.9140, 0.3557, 0.3490



Tritanopia

18.9199, 0.4400, 0.3210

Trichromacy



Original Color

18.9006, 0.4267, 0.3042

Protanomaly

18.2889, 0.3490, 0.3117

Deuteranomaly

18.5246, 0.3818, 0.3309

Tritanomaly

18.8239, 0.4343, 0.3139

Monochromacy



Original Color

18.9006, 0.4267, 0.3042

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.3655, 0.3500, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9006, 0.4267, 0.3042 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(185, 91, 109)` looks like.

```
.text, #text, p{  
  color:rgb(185, 91, 109)  
}
```

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(185, 91, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 91, 109) }
```

Border

The CSS property to change the border of an element to Yxy 18.9006, 0.4267, 0.3042 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(185, 91, 109) }
```

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

```
.border{ border-color:rgb(185, 91, 109) }
```

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

Here you see how a box with a 4 pixel rgb(185, 91, 109) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 91, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 91, 109);  
box-shadow:4px 4px 4px 4px rgb(185, 91,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9006, 0.4267, 0.3042 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 91, 109) }
```

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

```
.background{ background-color: rgb(185, 91,  
109) }
```

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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