

Converting Colors

$Yxy(18.9520, 0.4951, 0.3443)$

Have a look what the booklet for
Yxy(18.9520, 0.4951, 0.3443)
contains.

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Color

Yxy(18.9265, 0.4944, 0.3442)

Conversions

Conversions Part 1

Format	Color
Hex	C3574B
RGB	195, 87, 75
RGB Percent	76%, 34%, 29%
CMY	0.2353, 0.6588, 0.7059
CMYK	0.00, 0.55, 0.62, 0.24
HSL	6°, 50%, 53%
HSV	6°, 62%, 76%
XYZ	27.1855, 18.9265, 8.8749
YIQ	117.9240, 68.2200, 19.1640

Conversions

Conversions Part 2

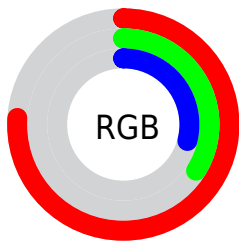
Format	Color
R _Y B	195, 88, 75
Decimal	12801867
CIE Lab	50.60, 42.36, 28.11
CIE LCh	51, 50.842, 33.571
Yxy	18.9265, 0.4944, 0.3442
Android (android.graphics.Color)	4290991947 (0xFFC3574B)
YUV	117.9240, -21.1615, 67.5957
Hunter-Lab	43.5046, 35.4096, 18.3581

Details

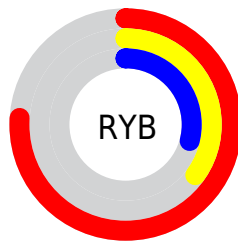
The Yxy color **18.9265, 0.4944, 0.3442** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **39.3030, 0.2344, 0.3103**, and the grayscale version is **18.1432, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.4714, 0.4524, 0.3458**, and **6.5352, 0.5638, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **16.1957, 0.5394, 0.3444**, and if you desaturate by 10%, it is **22.4319, 0.4515, 0.3427**.

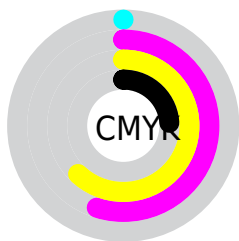
Distribution



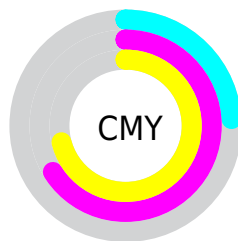
- Red (76%)
- Green (34%)
- Blue (29%)



- Red (76%)
- Yellow (35%)
- Blue (29%)



- Cyan (0%)
- Magenta (55%)
- Yellow (62%)
- Black (24%)



- Cyan (24%)
- Magenta (66%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.9265, 0.4944, 0.3442 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 18.9265, 0.4944, 0.3442 by changing the saturation by 10% instead.


 18.9265, 0.4944,
0.3442


 18.9265, 0.4944,
0.3442


246.0427, 0.3902,
0.3420


 11.6172, 0.5245,
0.3414


 41.6099, 0.4533,
0.3455

 6.4836, 0.5650,
0.3348


 57.7527, 0.4389,
0.3453


 3.1413, 0.6248,
0.3221

 77.6088, 0.4270,
0.3448

 1.2059, 0.7094,
0.2906

 101.5626, 0.4171,
0.3443

 0.0665, 0.9441,
0.0559

 129.9985, 0.4088,
0.3437

 0.0000, 1.0000,
0.0000

163.3009, 0.4017,

 0.0000, 0.0000,

0.3431

0.0000

201.8542, 0.3956,
0.3426

■ 18.9265, 0.4944,
0.3442

■ 18.9265, 0.4944,
0.3442

■ 16.1957, 0.5394,
0.3444

■ 22.4319, 0.4515,
0.3427

■ 14.1778, 0.5814,
0.3427

■ 26.7614, 0.4135,
0.3403

■ 12.8065, 0.6142,
0.3392

■ 31.9640, 0.3812,
0.3375

■ 12.0867, 0.6325,
0.3360

■ 38.0840, 0.3546,
0.3347

■ 45.1627, 0.3328,
0.3319

■ 53.2388, 0.3151,
0.3294

■ 62.3489, 0.3007,
0.3270

■ 72.5279, 0.2890,
0.3249

■ 83.8088, 0.2793,
0.3230

Harmonies

Analogous

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



18.9265, 0.4363, 0.2817



18.9265, 0.4944, 0.3442



18.9265, 0.4906, 0.4111

Triad

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



18.9265, 0.4944, 0.3442



18.9265, 0.2658, 0.4695



18.9265, 0.1872, 0.1906

Complementary

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



18.9265, 0.4944, 0.3442



39.3030, 0.2344, 0.3103

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.



18.9265, 0.1578, 0.2124



18.9265, 0.4944, 0.3442



18.9265, 0.1956, 0.3688

Square

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



18.9265, 0.4944, 0.3442



18.9265, 0.3539, 0.5073



18.9265, 0.1596, 0.2711



18.9265, 0.2490, 0.1980

Rectangle

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



18.9265, 0.4944, 0.3442



18.9265, 0.4584, 0.4547



18.9265, 0.1596, 0.2711



18.9265, 0.1739, 0.1943

Sweetspot

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



18.9275, 0.4944, 0.3442



72.1503, 0.3470, 0.3338



20.0533, 0.3339, 0.1995



15.0133, 0.3539, 0.3346



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



18.9275, 0.4944, 0.3442



27.5607, 0.5552, 0.3440



32.9792, 0.4363, 0.4206



10.2364, 0.3286, 0.3314



7.9136, 0.6311, 0.3371



0.3978, 0.6032, 0.3592

Inverse Universe

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



39.3030, 0.2344, 0.3103



66.9096, 0.2248, 0.3056



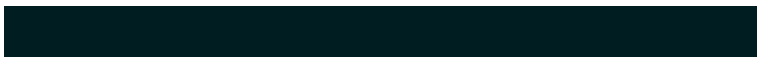
19.6013, 0.2114, 0.2089



11.2506, 0.2984, 0.3266



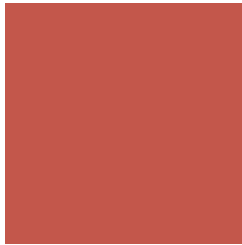
22.6819, 0.2160, 0.2976



1.0308, 0.2181, 0.3052

Previews

White Background



This preview shows how the Yxy color 18.9265, 0.4944, 0.3442 looks on a white background.

Color Contrast Check

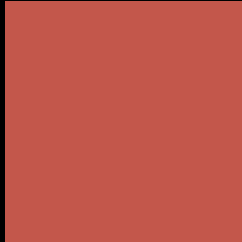
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.9265, 0.4944, 0.3442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

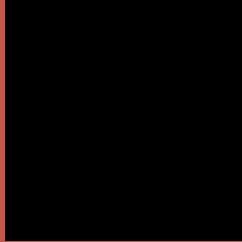
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.9265, 0.4944, 0.3442

Background



This preview shows how black text looks on a background with the Yxy color 18.9265, 0.4944, 0.3442.



This preview shows how white text looks on a background with the Yxy color 18.9265, 0.4944, 0.3442.

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

18.9265, 0.4944, 0.3442

Protanopia

19.1418, 0.3628, 0.3891

Deuteranopia

18.9067, 0.4135, 0.4057



Tritanopia

18.9709, 0.4746, 0.3232

Trichromacy



Original Color

18.9265, 0.4944, 0.3442

Protanomaly

18.4474, 0.4102, 0.3711

Deuteranomaly

18.4635, 0.4434, 0.3803

Tritanomaly

19.0472, 0.4816, 0.3307

Monochromacy



Original Color

18.9265, 0.4944, 0.3442

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.5857, 0.3750, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.9265, 0.4944, 0.3442 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(195, 87, 75)` looks like.

```
.text, #text, p{  
    color:rgb(195, 87, 75)  
}
```

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(195, 87, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 87, 75) }
```

Border

The CSS property to change the border of an element to Yxy 18.9265, 0.4944, 0.3442 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(195, 87, 75) }
```

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

```
.border{ border-color:rgb(195, 87, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 87, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 87, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 87, 75);  
box-shadow:4px 4px 4px 4px rgb(195, 87,  
75) }
```


Background

The CSS property to change the background color of an element to Yxy 18.9265, 0.4944, 0.3442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 87, 75) }
```

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

```
.background{ background-color: rgb(195, 87,  
75) }
```

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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