

Converting Colors

$Y_{xy}(18.4187, 0.4981, 0.3455)$

Have a look what the booklet for
Yxy(18.4187, 0.4981, 0.3455)
contains.

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Color

Yxy(18.3023, 0.4985, 0.3454)

Conversions

Conversions Part 1

Format	Color
Hex	C15548
RGB	193, 85, 72
RGB Percent	76%, 33%, 28%
CMY	0.2430, 0.6667, 0.7176
CMYK	0.00, 0.56, 0.63, 0.24
HSL	6°, 49%, 52%
HSV	6°, 63%, 76%
XYZ	26.4149, 18.3023, 8.2715
YIQ	115.8100, 68.5410, 18.8530

Conversions

Conversions Part 2

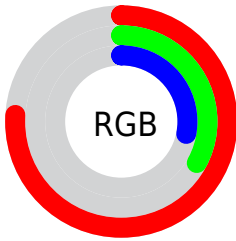
Format	Color
RYB	193, 87, 72
Decimal	12670280
CIELab	49.86, 42.41, 28.85
CIElCh	50, 51.292, 34.225
Yxy	18.3023, 0.4985, 0.3454
Android (android.graphics.Color)	4290860360 (0xFFC15548)
YUV	115.8100, -21.5983, 67.6956
Hunter-Lab	42.7812, 35.3462, 18.4834

Details

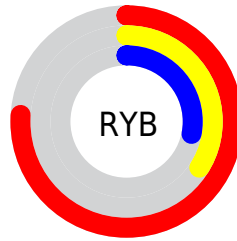
The Yxy color **18.3023, 0.4985, 0.3454** is a dark color, and the websafe version is hex **CC6666**. The color can be described as dark muted red. A complement of this color would be **37.8865, 0.2332, 0.3086**, and the grayscale version is **17.4549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6283, 0.4559, 0.3468**, and **6.1852, 0.5713, 0.3347** is the 20% darker color. If you saturate the color by 10%, you get **15.6995, 0.5432, 0.3454**, and if you desaturate by 10%, it is **21.6467, 0.4555, 0.3439**.

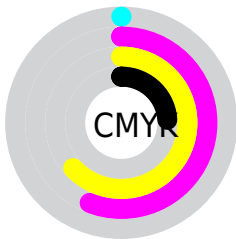
Distribution



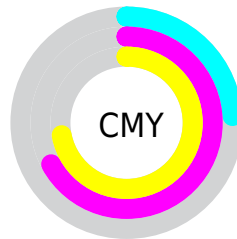
- Red (76%)
- Green (33%)
- Blue (28%)



- Red (76%)
- Yellow (34%)
- Blue (28%)



- Cyan (0%)
- Magenta (56%)
- Yellow (63%)
- Black (24%)





- Cyan (24%)
- Magenta (67%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3023, 0.4985, 0.3454 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 18.3023, 0.4985, 0.3454 by changing the saturation by 10% instead.


 18.3023, 0.4985,
0.3454


 18.3023, 0.4985,
0.3454


242.5695, 0.3916,
0.3429


 11.1672, 0.5295,
0.3424


 40.5518, 0.4563,
0.3467


 6.1794, 0.5711,
0.3354

 56.4350, 0.4414,
0.3464


 2.9545, 0.6356,
0.3231

 76.0030, 0.4293,
0.3459

 1.1080, 0.7143,
0.2857

 99.6403, 0.4192,
0.3453

 0.0000, 1.0000,
0.0000

 127.7311, 0.4106,
0.3447

 0.0000, 0.0000,
0.0000

160.6600, 0.4034,

0.3441

198.8114, 0.3971,
0.3435

■ 18.3023, 0.4985,
0.3454

■ 18.3023, 0.4985,
0.3454

■ 15.6995, 0.5432,
0.3454

■ 21.6467, 0.4555,
0.3439

■ 13.7788, 0.5844,
0.3435

■ 25.7804, 0.4171,
0.3414

■ 12.4765, 0.6159,
0.3396

■ 30.7503, 0.3844,
0.3385

■ 11.8662, 0.6316,
0.3367

■ 36.5992, 0.3573,
0.3354

■ 43.3666, 0.3351,
0.3325

■ 51.0898, 0.3170,
0.3297

■ 59.8039, 0.3023,
0.3272

■ 69.5424, 0.2902,
0.3249

■ 80.3371, 0.2803,
0.3228

Harmonies

Analogous

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



18.3023, 0.4406, 0.2820



18.3023, 0.4985, 0.3454



18.3023, 0.4928, 0.4132

Triad

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



18.3023, 0.4985, 0.3454



18.3023, 0.2628, 0.4710



18.3023, 0.1862, 0.1883

Complementary

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



18.3023, 0.4985, 0.3454



37.8865, 0.2332, 0.3086

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.



18.3023, 0.1557, 0.2094



18.3023, 0.4985, 0.3454



18.3023, 0.1922, 0.3670

Square

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



18.3023, 0.4985, 0.3454



18.3023, 0.3522, 0.5110



18.3023, 0.1567, 0.2679



18.3023, 0.2496, 0.1964

Rectangle

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



18.3023, 0.4985, 0.3454



18.3023, 0.4592, 0.4577



18.3023, 0.1567, 0.2679



18.3023, 0.1725, 0.1918

Sweetspot

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



18.3033, 0.4985, 0.3454



69.4646, 0.3492, 0.3344



19.3083, 0.3344, 0.1978



14.1843, 0.3560, 0.3353



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



18.3033, 0.4985, 0.3454



26.7818, 0.5582, 0.3450



31.9414, 0.4389, 0.4218



10.2480, 0.3286, 0.3315



7.9491, 0.6302, 0.3378



0.4030, 0.6009, 0.3611

Inverse Universe

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



37.8865, 0.2332, 0.3086



64.4119, 0.2238, 0.3035



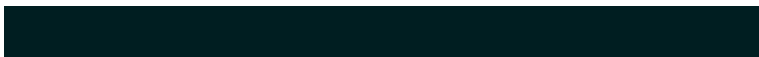
18.7608, 0.2097, 0.2064



11.2378, 0.2984, 0.3265



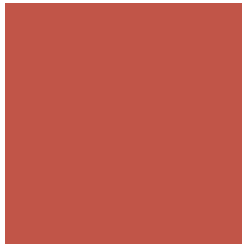
22.3299, 0.2154, 0.2953



1.0187, 0.2176, 0.3034

Previews

White Background



This preview shows how the Yxy color 18.3023, 0.4985, 0.3454 looks on a white background.

Color Contrast Check

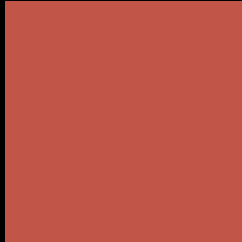
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 18.3023, 0.4985, 0.3454 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 18.3023, 0.4985, 0.3454

Background



This preview shows how black text looks on a background with the Yxy color 18.3023, 0.4985, 0.3454.



This preview shows how white text looks on a background with the Yxy color 18.3023, 0.4985, 0.3454.

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

18.3023, 0.4985, 0.3454

Protanopia

18.4387, 0.3660, 0.3938

Deuteranopia

18.4596, 0.4152, 0.4097



Tritanopia

18.3604, 0.4771, 0.3232

Trichromacy



Original Color

18.3023, 0.4985, 0.3454

Protanomaly

17.7700, 0.4146, 0.3748

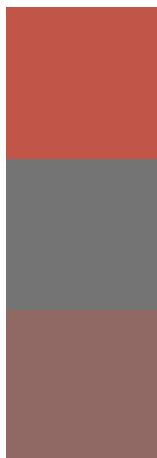
Deuteranomaly

17.8115, 0.4468, 0.3822

Tritanomaly

18.4192, 0.4856, 0.3320

Monochromacy



Original Color

18.3023, 0.4985, 0.3454

Achromatopsia

17.4647, 0.3127, 0.3290

Achromatomaly

16.9525, 0.3760, 0.3381

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3023, 0.4985, 0.3454 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(193, 85, 72)` looks like.

```
.text, #text, p{  
    color:rgb(193, 85, 72)  
}
```

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(193, 85, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 85, 72) }
```

Border

The CSS property to change the border of an element to Yxy 18.3023, 0.4985, 0.3454 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(193, 85, 72) }
```

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

```
.border{ border-color:rgb(193, 85, 72) }
```

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

Here you see how a box with a 4 pixel rgb(193, 85, 72) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 85, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 85, 72);  
box-shadow:4px 4px 4px 4px rgb(193, 85,  
72) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3023, 0.4985, 0.3454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 85, 72) }
```

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

```
.background{ background-color: rgb(193, 85,  
72) }
```

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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