

Converting Colors

$Y_{xy}(19.1303, 0.5090, 0.3491)$

Have a look what the booklet for
Yxy(19.1303, 0.5090, 0.3491)
contains.

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Color

Yxy(19.0688, 0.5088, 0.3481)

Conversions

Conversions Part 1

Format	Color
Hex	C75545
RGB	199, 85, 69
RGB Percent	78%, 33%, 27%
CMY	0.2197, 0.6666, 0.7295
CMYK	0.00, 0.57, 0.65, 0.22
HSL	7°, 54%, 53%
HSV	7°, 65%, 78%
XYZ	27.8719, 19.0688, 7.8390
YIQ	117.2620, 73.0800, 19.1920

Conversions

Conversions Part 2

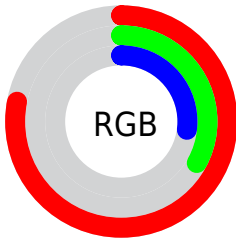
Format	Color
RYB	199, 87, 69
Decimal	13063493
CIELab	50.77, 44.39, 31.92
CIElCh	51, 54.675, 35.713
Yxy	19.0688, 0.5088, 0.3481
Android (android.graphics.Color)	4291253573 (0xFFC75545)
YUV	117.2620, -23.7932, 71.6842
Hunter-Lab	43.6678, 37.5126, 19.9241

Details

The Yxy color **19.0688, 0.5088, 0.3481** 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 **39.2297, 0.2302, 0.3042**, and the grayscale version is **17.9348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.7450, 0.4600, 0.3497**, and **6.5391, 0.5820, 0.3364** is the 20% darker color. If you saturate the color by 10%, you get **16.4458, 0.5527, 0.3477**, and if you desaturate by 10%, it is **22.4537, 0.4654, 0.3467**.

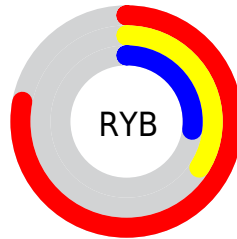
Distribution



Red (78%)

Green (33%)

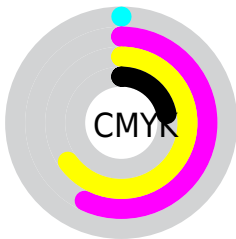
Blue (27%)



Red (78%)

Yellow (34%)

Blue (27%)

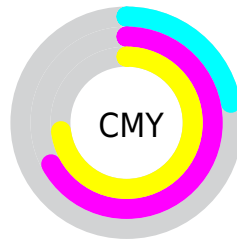


Cyan (0%)

Magenta (57%)

Yellow (65%)

Black (22%)



Cyan (22%)


Magenta (67%)


Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 19.0688, 0.5088, 0.3481 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 19.0688, 0.5088, 0.3481 by changing the saturation by 10% instead.


 19.0688, 0.5088,
0.3481


 19.0688, 0.5088,
0.3481


246.8283, 0.3971,
0.3452


 11.7200, 0.5403,
0.3448


 41.8503, 0.4652,
0.3496


 6.5533, 0.5820,
0.3370


 58.0518, 0.4496,
0.3492


 3.1844, 0.6475,
0.3248

 77.9730, 0.4369,
0.3487

 1.2287, 0.7162,
0.2838

 101.9983, 0.4262,
0.3480

 0.0850, 0.9343,
0.0657

 130.5121, 0.4172,
0.3473

 0.0000, 1.0000,
0.0000

163.8988, 0.4095,

 0.0000, 0.0000,

0.3465

0.0000

202.5427, 0.4029,
0.3458

■ 19.0688, 0.5088,
0.3481

■ 19.0688, 0.5088,
0.3481

■ 16.4458, 0.5527,
0.3477

■ 22.4537, 0.4654,
0.3467

■ 14.5223, 0.5918,
0.3449

■ 26.6502, 0.4260,
0.3440

■ 13.2308, 0.6202,
0.3400

■ 31.7078, 0.3921,
0.3408

■ 12.8159, 0.6300,
0.3380

■ 37.6707, 0.3638,
0.3373

■ 44.5803, 0.3404,
0.3339

■ 52.4754, 0.3214,
0.3306

■ 61.3927, 0.3058,
0.3276

■ 71.3669, 0.2931,
0.3249

■ 82.4310, 0.2826,
0.3224

Harmonies

Analogous

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



19.0688, 0.4514, 0.2825



19.0688, 0.5088, 0.3481



19.0688, 0.4984, 0.4185

Triad

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



19.0688, 0.5088, 0.3481



19.0688, 0.2553, 0.4752



19.0688, 0.1834, 0.1824

Complementary

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



19.0688, 0.5088, 0.3481



39.2297, 0.2302, 0.3042

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.



19.0688, 0.1505, 0.2021



19.0688, 0.5088, 0.3481



19.0688, 0.1838, 0.3626

Square

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



19.0688, 0.5088, 0.3481



19.0688, 0.3478, 0.5207



19.0688, 0.1496, 0.2602



19.0688, 0.2506, 0.1923

Rectangle

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



19.0688, 0.5088, 0.3481



19.0688, 0.4611, 0.4650



19.0688, 0.1496, 0.2602



19.0688, 0.1688, 0.1854

Sweetspot

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



19.0699, 0.5088, 0.3481



71.8577, 0.3514, 0.3356



19.8467, 0.3383, 0.1957



14.6563, 0.3583, 0.3365



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.



19.0699, 0.5088, 0.3481



27.3785, 0.5685, 0.3469



34.1111, 0.4432, 0.4272



10.8443, 0.3286, 0.3319



8.3129, 0.6284, 0.3392



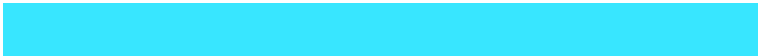
0.4653, 0.5977, 0.3636

Inverse Universe

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



39.2297, 0.2302, 0.3042



64.9119, 0.2211, 0.2983



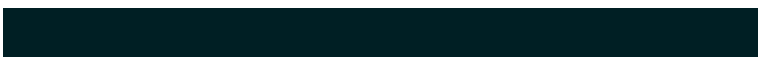
18.5371, 0.2047, 0.1963



11.8355, 0.2984, 0.3261



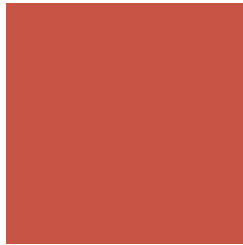
22.3151, 0.2139, 0.2900



1.1210, 0.2163, 0.2988

Previews

White Background



This preview shows how the Yxy color 19.0688, 0.5088, 0.3481 looks on a white background.

Color Contrast Check

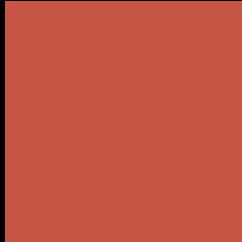
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0688, 0.5088, 0.3481 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 19.0688, 0.5088, 0.3481

Background



This preview shows how black text looks on a background with the Yxy color 19.0688, 0.5088, 0.3481.



This preview shows how white text looks on a background with the Yxy color 19.0688, 0.5088, 0.3481.

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

19.0688, 0.5088, 0.3481

Protanopia

19.1246, 0.3713, 0.3999

Deuteranopia

19.2392, 0.4232, 0.4168



Tritanopia

19.0185, 0.4846, 0.3223

Trichromacy



Original Color

19.0688, 0.5088, 0.3481

Protanomaly

18.3431, 0.4219, 0.3785

Deuteranomaly

18.7003, 0.4562, 0.3888

Tritanomaly

19.0600, 0.4945, 0.3319

Monochromacy



Original Color

19.0688, 0.5088, 0.3481

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.2263, 0.3803, 0.3380

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0688, 0.5088, 0.3481 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(199, 85, 69)` looks like.

```
.text, #text, p{  
    color:rgb(199, 85, 69)  
}
```

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(199, 85, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 85, 69) }
```

Border

The CSS property to change the border of an element to Yxy 19.0688, 0.5088, 0.3481 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(199, 85, 69) }
```

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

```
.border{ border-color:rgb(199, 85, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 85, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 85, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 85, 69);  
box-shadow:4px 4px 4px 4px rgb(199, 85,  
69) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0688, 0.5088, 0.3481 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 85, 69) }
```

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

```
.background{ background-color: rgb(199, 85,  
69) }
```

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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