

Converting Colors

YUV(115.2440, -19.8403,
63.8070)

Have a look what the booklet for
YUV(115.2440, -19.8403, 63.8070)
contains.

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Color

**YUV(115.2440, -19.8403,
63.8070)**

Conversions

Conversions Part 1

Format	Color
Hex	BC564B
RGB	188, 86, 75
RGB Percent	74%, 34%, 29%
CMY	0.2627, 0.6627, 0.7059
CMYK	0.00, 0.54, 0.60, 0.26
HSL	6°, 46%, 52%
HSV	6°, 60%, 74%
XYZ	25.3368, 17.8549, 8.7676
YIQ	115.2440, 64.3230, 18.2030

Conversions

Conversions Part 2

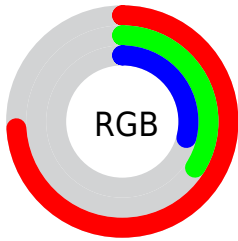
Format	Color
R _Y B	188, 87, 75
Decimal	12342859
CIE Lab	49.32, 40.24, 26.26
CIE LCh	49, 48.049, 33.123
Yxy	17.8549, 0.4876, 0.3436
Android (android.graphics.Color)	4290532939 (0xFFBC564B)
YUV	115.2440, -19.8403, 63.8070
Hunter-Lab	42.2551, 33.0850, 17.2764

Details

The YUV color **115.2440, -19.8403, 63.8070** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **147.7560, 19.8403, -63.8070**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.2940, -22.3299, 69.0252**, and **62.0630, -15.3141, 58.7037** is the 20% darker color. If you saturate the color by 10%, you get **103.0990, -23.2198, 74.4582**, and if you desaturate by 10%, it is **127.3890, -16.4608, 53.1558**.

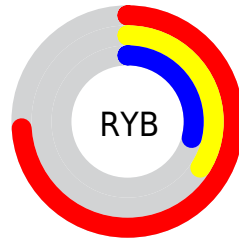
Distribution



Red (74%)

Green (34%)

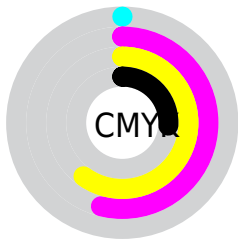
Blue (29%)



Red (74%)

Yellow (34%)

Blue (29%)

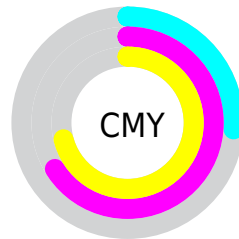


Cyan (0%)

Magenta (54%)

Yellow (60%)

Black (26%)



Cyan (26%)

Magenta (66%)

Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.2440, -19.8403, 63.8070 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 YUV color 115.2440, -19.8403, 63.8070 by changing the saturation by 10% instead.

■ 115.2440,
-19.8403, 63.8070

■ 115.2440,
-19.8403, 63.8070

■ 255.0000, 0.0000,
0.0000

■ 88.3900, -17.9403,
61.0480

■ 169.2940,
-22.3299, 69.0252

■ 62.0630, -15.3141,
58.7037

■ 190.7870,
-20.1080, 56.3148

■ 32.2850, -11.9725,
60.2631

■ 209.7140,
-16.1280, 39.7158

■ 21.8270, -10.7607,
44.8787

■ 229.8150,
-12.7268, 22.0872

■ 14.5800, -6.2019,
29.3093

■ 250.0300, -8.8888,
4.3587

■ 0.0000, 0.0000,
0.0000

■ 115.2440,
-19.8403, 63.8070

■ 115.2440,
-19.8403, 63.8070

■ 103.0990,
-23.2198, 74.4582

■ 127.3890,
-16.4608, 53.1558

■ 90.9540, -26.5993,
85.1093

■ 139.5340,
-13.0813, 42.5047

■ 78.9230, -29.5420,
95.6605

■ 151.5650,
-10.1385, 31.9535

■ 66.7780, -32.9216,
106.3117

■ 163.7100, -6.7590,
21.3023

■ 175.8550, -3.3795,
10.6512

■ 188.0000, 0.0000,
0.0000

■ 200.1450, 3.3795,
-10.6512

■ 212.1760, 6.3222,

-21.2024

■ 224.3210, 9.7017,
-31.8535

Harmonies

Analogous

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



116.2930, -0.6374, 64.6410



115.2440, -19.8403, 63.8070



114.4210, -35.2106, 46.9888

Triad

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



115.2440, -19.8403, 63.8070



95.1390, -7.9565, -61.5119



100.6010, 48.5107, -66.3021

Complementary

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



115.2440, -19.8403, 63.8070



147.7560, 19.8403, -63.8070

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.



98.4430, 44.6446, -86.3345



115.2440, -19.8403, 63.8070



94.0990, 12.7692, -82.5248

Square

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



115.2440, -19.8403, 63.8070



107.9590, -31.5318, -13.1190



98.1860, 30.9673, -86.1091



119.9150, 32.5799, 3.5825

Rectangle

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



115.2440, -19.8403, 63.8070



113.1170, -40.9767, 29.7154



98.1860, 30.9673, -86.1091



95.9470, 50.3121, -84.1455

Sweetspot

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



115.2440, -19.8403, 63.8070



216.5040, -7.6435, 24.9910



120.6430, 28.7700, 59.0721



104.8340, -4.8482, 15.0546



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



115.2440, -19.8403, 63.8070



131.6030, -30.8633, 99.4492



147.5290, -35.7568, 35.4931



88.2780, -1.6161, 5.0182



56.0470, -27.6312, 89.4128



11.0300, -5.4378, 17.5137

Inverse Universe

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



147.7560, 19.8403, -63.8070



182.3970, 30.8633, -99.4492



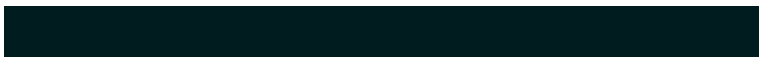
115.4710, 35.7568, -35.4931



90.7220, 1.6161, -5.0182



101.9530, 27.6312, -89.4128



19.9700, 5.4378, -17.5137

Previews

White Background



This preview shows how the YUV color 115.2440, -19.8403, 63.8070 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 YUV color 115.2440, -19.8403, 63.8070 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](#).

YUV 115.2440, -19.8403, 63.8070

Background



This preview shows how black text looks on a background with the YUV color 115.2440, -19.8403, 63.8070.



This preview shows how white text looks on a background with the YUV color 115.2440, -19.8403, 63.8070.

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

115.2440, -19.8403, 63.8070

Protanopia

116.9720, -14.2832, 7.9176

Deuteranopia

116.4810, -22.9151, 23.2572



Tritanopia

116.0790, -12.8569, 63.9517

Trichromacy



Original Color

115.2440, -19.8403, 63.8070

Protanomaly

116.2350, -16.3849, 28.7349

Deuteranomaly

116.2100, -21.7955, 37.5268

Tritanomaly

116.0960, -15.3303, 63.9368

Monochromacy



Original Color

115.2440, -19.8403, 63.8070

Achromatopsia

115.0000, 0.0000, 0.0000

Achromatomaly

114.9060, -7.3487, 23.7614

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.2440, -19.8403, 63.8070 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(188, 86, 75)` looks like.

```
.text, #text, p{  
    color:rgb(188, 86, 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(188, 86, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 86, 75) }
```

Border

The CSS property to change the border of an element to YUV 115.2440, -19.8403, 63.8070 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(188, 86, 75) }
```


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

```
.border{ border-color:rgb(188, 86, 75) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 86, 75)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 86, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 86, 75);  
box-shadow:4px 4px 4px 4px rgb(188, 86,  
75) }
```

Background

The CSS property to change the background color of an element to YUV 115.2440, -19.8403, 63.8070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 86, 75) }
```

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

```
.background{ background-color: rgb(188, 86,  
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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