

Converting Colors

YUV(99.1470, -19.2995,
77.0471)

Have a look what the booklet for
YUV(99.1470, -19.2995, 77.0471)
contains.

YUV(99.1470, -19.2995, 77.0471)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(99.1470, -19.2995,
77.0471)**

Conversions

Conversions Part 1

Format	Color
Hex	BB3E3C
RGB	187, 62, 60
RGB Percent	73%, 24%, 24%
CMY	0.2667, 0.7569, 0.7647
CMYK	0.00, 0.67, 0.68, 0.27
HSL	1°, 51%, 48%
HSV	1°, 68%, 73%
XYZ	23.0318, 14.3363, 5.8282
YIQ	99.1470, 75.1420, 25.8780

Conversions

Conversions Part 2

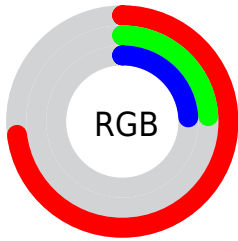
Format	Color
R_{YB}	187, 62, 60
Decimal	12271164
CIE _{Lab}	44.71, 50.03, 29.30
CIE _{LCh}	45, 57.982, 30.354
Yxy	14.3363, 0.5332, 0.3319
Android (android.graphics.Color)	4290461244 (0xFFBB3E3C)
YUV	99.1470, -19.2995, 77.0471
Hunter-Lab	37.8633, 42.3185, 17.3779

Details

The YUV color **99.1470, -19.2995, 77.0471** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **147.8530, 19.2995, -77.0471**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.8550, -23.0995, 82.5652**, and **40.0250, -10.8583, 76.2771** is the 20% darker color. If you saturate the color by 10%, you get **86.4150, -22.3896, 88.2130**, and if you desaturate by 10%, it is **111.8790, -16.2093, 65.8811**.

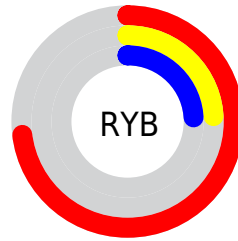
Distribution



Red (73%)

Green (24%)

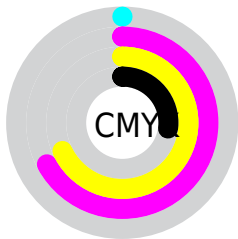
Blue (24%)



Red (73%)

Yellow (24%)

Blue (24%)

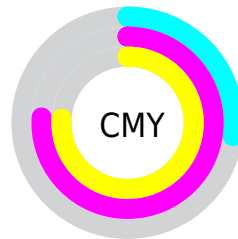


Cyan (0%)

Magenta (67%)

Yellow (68%)

Black (27%)



Cyan (27%)

Magenta (76%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.1470, -19.2995, 77.0471 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 99.1470, -19.2995, 77.0471 by changing the saturation by 10% instead.

■ 99.1470, -19.2995,
77.0471

■ 99.1470, -19.2995,
77.0471

255.0000, 0.0000,
0.0000

■ 70.6460, -16.0945,
75.7325

■ 154.8550,
-23.0995, 82.5652

■ 40.0250, -10.8583,
76.2771

■ 175.3480,
-20.8776, 69.8548

■ 29.3020, -14.4459,
60.2481

■ 194.7480,
-17.6238, 52.8410

■ 20.3320, -10.0237,
41.8048

■ 214.8490,
-14.2226, 35.2124

■ 12.0740, -5.4595,
24.4911

■ 234.4770,
-10.0952, 17.9987

■ 0.0000, 0.0000,
0.0000

■ 253.5180, -5.6784,

1.2997

■ 99.1470, -19.2995,
77.0471

■ 99.1470, -19.2995,
77.0471

■ 86.4150, -22.3896,
88.2130

■ 111.8790,
-16.2093, 65.8811

■ 73.2100, -24.7535,
99.7938

■ 125.0840,
-13.8454, 54.3003

■ 60.4780, -27.8437,
110.9598

■ 137.8160,
-10.7553, 43.1344

■ 57.6740, -28.4333,
113.4189

■ 151.1350, -7.9546,
31.4536

■ 163.8670, -4.8644,
20.2876

■ 176.4850, -2.2111,
9.2217

■ 189.8040, 0.5896,
-2.4591

■ 202.5360, 3.6798,
-13.6251

■ 215.7410, 6.0437,
-25.2059

Harmonies

Analogous

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



99.2330, 3.8291, 78.7257



99.1470, -19.2995, 77.0471



99.8260, -42.8052, 56.2806

Triad

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



99.1470, -19.2995, 77.0471



79.0580, -11.8606, -69.3339



88.8860, 56.2582, -77.9530

Complementary

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



99.1470, -19.2995, 77.0471



147.8530, 19.2995, -77.0471

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.



93.8610, 47.3965, -82.3161



99.1470, -19.2995, 77.0471



86.5190, 9.1111, -75.8772

Square

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



99.1470, -19.2995, 77.0471



92.3000, -45.5039, -11.6641



91.9910, 30.0774, -80.6761



107.0480, 40.8953, -3.5501

Rectangle

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



99.1470, -19.2995, 77.0471



99.6850, -49.1447, 36.2333



91.9910, 30.0774, -80.6761



91.0060, 54.2270, -79.8123

Sweetspot

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



99.1470, -19.2995, 77.0471



208.9390, -7.3649, 28.9945



112.4510, 36.7527, 65.3795



101.6710, -4.2748, 17.8285



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.



99.1470, -19.2995, 77.0471



106.3650, -29.7599, 118.9519



134.9540, -36.9523, 45.6443



87.6910, -1.3267, 5.5330



48.4160, -23.8691, 96.1052



9.2690, -4.5696, 19.0581

Inverse Universe

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



147.8530, 19.2995, -77.0471



181.6350, 29.7599, -118.9519



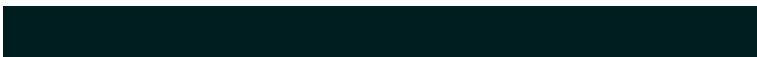
111.4590, 37.2417, -45.1295



91.3090, 1.3267, -5.5330



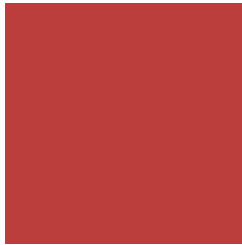
109.5840, 23.8691, -96.1052



21.1440, 4.8590, -18.5433

Previews

White Background



This preview shows how the YUV color 99.1470, -19.2995, 77.0471 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 99.1470, -19.2995, 77.0471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

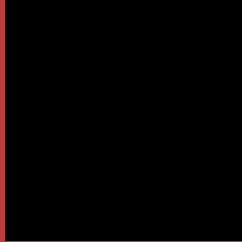
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 99.1470, -19.2995, 77.0471

Background



This preview shows how black text looks on a background with the YUV color 99.1470, -19.2995, 77.0471.



This preview shows how white text looks on a background with the YUV color 99.1470, -19.2995,

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

99.1470, -19.2995, 77.0471

Protanopia

105.3850, -13.9938, 8.4324

Deuteranopia

104.4980, -25.3885, 23.2423



Tritanopia

99.1300, -16.8261, 77.0620

Trichromacy



Original Color

99.1470, -19.2995, 77.0471

Protanomaly

103.0830, -15.8169, 33.2532

Deuteranomaly

102.6020, -22.9748, 42.4450

Tritanomaly

98.9020, -17.6997, 77.2619

Monochromacy



Original Color

99.1470, -19.2995, 77.0471

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.3410, -7.0701, 27.7649

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.1470, -19.2995, 77.0471 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(187, 62, 60)` looks like.

```
.text, #text, p{  
    color:rgb(187, 62, 60)  
}
```

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(187, 62, 60) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 62, 60) }
```

Border

The CSS property to change the border of an element to YUV 99.1470, -19.2995, 77.0471 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(187, 62, 60) }
```


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

```
.border{ border-color:rgb(187, 62, 60) }
```

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

Here you see how a box with a 4 pixel rgb(187, 62, 60) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 62, 60); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 62, 60);  
box-shadow:4px 4px 4px 4px rgb(187, 62,  
60) }
```

Background

The CSS property to change the background color of an element to YUV 99.1470, -19.2995, 77.0471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 62, 60) }
```

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

```
.background{ background-color: rgb(187, 62,  
60) }
```

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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