

Converting Colors

YUV(99.0330, -19.7363,
77.1471)

Have a look what the booklet for
YUV(99.0330, -19.7363, 77.1471)
contains.

| | |
|--|----|
| YUV(99.0330, -19.7363, 77.1471) | 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(99.0330, -19.7363,
77.1471)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | BB3E3B |
| RGB | 187, 62, 59 |
| RGB Percent | 73%, 24%, 23% |
| CMY | 0.2667, 0.7569, 0.7686 |
| CMYK | 0.00, 0.67, 0.68, 0.27 |
| HSL | 1°, 52%, 48% |
| HSV | 1°, 68%, 73% |
| XYZ | 23.0056, 14.3258, 5.6903 |
| YIQ | 99.0330, 75.4630, 25.5670 |

Conversions

Conversions Part 2

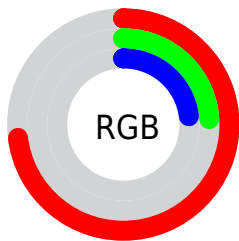
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 187, 62, 59 |
| Decimal | 12271163 |
| CIELab | 44.70, 49.98, 29.87 |
| CIELCh | 45, 58.228, 30.868 |
| Yxy | 14.3258, 0.5347, 0.3330 |
| Android (android.graphics.Color) | 4290461243 (0xFFBB3E3B) |
| YUV | 99.0330, -19.7363, 77.1471 |
| Hunter-Lab | 37.8495, 42.2589, 17.5809 |

Details

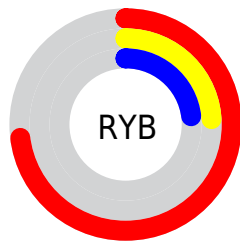
The YUV color **99.0330, -19.7363, 77.1471** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **146.9670, 19.7363, -77.1471**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7410, -23.5363, 82.6651**, and **39.9110, -11.2951, 76.3771** is the 20% darker color. If you saturate the color by 10%, you get **86.3010, -22.8264, 88.3130**, and if you desaturate by 10%, it is **111.7650, -16.6461, 65.9811**.

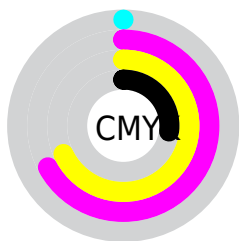
Distribution



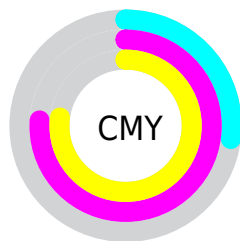
- Red (73%)
- Green (24%)
- Blue (23%)



- Red (73%)
- Yellow (24%)
- Blue (23%)



- Cyan (0%)
- Magenta (67%)
- Yellow (68%)
- Black (27%)



- Cyan (27%)
- Magenta (76%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.0330, -19.7363, 77.1471 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 99.0330, -19.7363, 77.1471 by changing the saturation by 10% instead.

■ 99.0330, -19.7363,
77.1471

■ 99.0330, -19.7363,
77.1471

255.0000, 0.0000,
0.0000

■ 70.5320, -16.5313,
75.8324

■ 154.7410,
-23.5363, 82.6651

■ 39.9110, -11.2951,
76.3771

■ 175.2340,
-21.3144, 69.9548

■ 29.0030, -14.2985,
59.6334

■ 194.6340,
-18.0606, 52.9410

■ 20.3320, -10.0237,
41.8048

■ 214.7350,
-14.6594, 35.3124

■ 12.0740, -5.4595,
24.4911

■ 234.3630,
-10.5320, 18.0986

■ 0.0000, 0.0000,
0.0000

■ 253.4040, -6.1152,

1.3997

■ 99.0330, -19.7363,
77.1471

■ 99.0330, -19.7363,
77.1471

■ 86.3010, -22.8264,
88.3130

■ 111.7650,
-16.6461, 65.9811

■ 73.0960, -25.1903,
99.8938

■ 124.9700,
-14.2822, 54.4003

■ 60.3640, -28.2805,
111.0598

■ 137.7020,
-11.1921, 43.2343

■ 58.2610, -28.7227,
112.9041

■ 150.4340, -8.1020,
32.0684

■ 163.0520, -5.4486,
21.0024

■ 176.3710, -2.6479,
9.3216

■ 189.1030, 0.4422,
-1.8443

■ 201.8350, 3.5323,
-13.0103

■ 214.4530, 6.1857,
-24.0763

Harmonies

Analogous

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



99.1190, 3.3923, 78.8256



99.0330, -19.7363, 77.1471



100.1850, -43.9682, 55.9658

Triad

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



99.0330, -19.7363, 77.1471



79.0580, -11.8606, -69.3339



88.2990, 56.5476, -77.4382

Complementary

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



99.0330, -19.7363, 77.1471



146.9670, 19.7363, -77.1471

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



99.0330, -19.7363, 77.1471



86.6330, 9.5479, -75.9771

Square

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



99.0330, -19.7363, 77.1471



92.0010, -45.3565, -12.2789



92.1050, 30.5142, -80.7761



106.7600, 41.0373, -2.4205

Rectangle

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



99.0330, -19.7363, 77.1471



99.3860, -48.9973, 35.6185



92.1050, 30.5142, -80.7761



91.1200, 54.6638, -79.9122

Sweetspot

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



99.0330, -19.7363, 77.1471



207.4230, -8.0965, 30.3240



111.6360, 36.1685, 66.0942



101.5570, -4.7116, 17.9285



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.



99.0330, -19.7363, 77.1471



105.5500, -30.3442, 119.6666



136.0140, -37.9679, 44.7147



87.6910, -1.3267, 5.5330



49.5900, -24.4479, 95.0756



9.8560, -4.8590, 18.5433

Inverse Universe

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



146.9670, 19.7363, -77.1471



180.4500, 30.3442, -119.6666



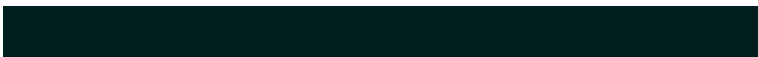
109.9860, 37.9679, -44.7147



91.3090, 1.3267, -5.5330



108.4100, 24.4479, -95.0756



21.1440, 4.8590, -18.5433

Previews

White Background



This preview shows how the YUV color 99.0330, -19.7363, 77.1471 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 99.0330, -19.7363, 77.1471 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 99.0330, -19.7363, 77.1471

Background



This preview shows how black text looks on a background with the YUV color 99.0330, -19.7363, 77.1471.



This preview shows how white text looks on a background with the YUV color 99.0330, -19.7363,

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

99.0330, -19.7363, 77.1471

Protanopia

105.1570, -14.8674, 8.6323

Deuteranopia

104.3840, -25.8253, 23.3422



Tritanopia

99.0160, -17.2629, 77.1620

Trichromacy



Original Color

99.0330, -19.7363, 77.1471

Protanomaly

102.8550, -16.6905, 33.4532

Deuteranomaly

102.4880, -23.4116, 42.5450

Tritanomaly

98.7880, -18.1365, 77.3619

Monochromacy



Original Color

99.0330, -19.7363, 77.1471

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.2270, -7.5069, 27.8649

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.0330, -19.7363, 77.1471 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, 59)` looks like.

```
.text, #text, p{  
    color:rgb(187, 62, 59)  
}
```

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, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 62, 59) }
```

Border

The CSS property to change the border of an element to YUV 99.0330, -19.7363, 77.1471 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, 59) }
```


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

```
.border{ border-color:rgb(187, 62, 59) }
```

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, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 62, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 62, 59);  
box-shadow:4px 4px 4px 4px rgb(187, 62,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 99.0330, -19.7363, 77.1471 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, 59) }
```

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

```
.background{ background-color: rgb(187, 62,  
59) }
```

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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