

Converting Colors

YUV(100.5930, -19.0263,
82.7949)

Have a look what the booklet for
YUV(100.5930, -19.0263, 82.7949)
contains.

YUV(100.5930, -19.0263, 82.7949)	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(100.5930, -19.0263,
82.7949)**

Conversions

Conversions Part 1

Format	Color
Hex	C33C3E
RGB	195, 60, 62
RGB Percent	76%, 24%, 24%
CMY	0.2353, 0.7647, 0.7569
CMYK	0.00, 0.69, 0.68, 0.24
HSL	359°, 53%, 50%
HSV	359°, 69%, 76%
XYZ	24.9910, 15.1816, 6.1706
YIQ	100.5930, 79.8180, 29.2420

Conversions

Conversions Part 2

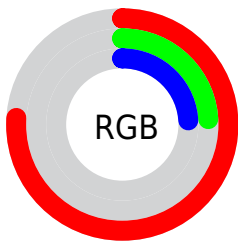
Format	Color
RYB	195, 60, 62
Decimal	12794942
CIELab	45.88, 53.59, 29.87
CIElCh	46, 61.351, 29.136
Yxy	15.1816, 0.5393, 0.3276
Android (android.graphics.Color)	4290985022 (0xFFC33C3E)
YUV	100.5930, -19.0263, 82.7949
Hunter-Lab	38.9636, 46.3026, 17.8849

Details

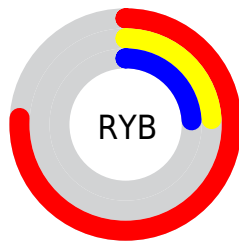
The YUV color **100.5930, -19.0263, 82.7949** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **154.4070, 19.0263, -82.7949**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **156.2900, -22.8210, 86.5687**, and **42.3460, -11.0166, 80.3806** is the 20% darker color. If you saturate the color by 10%, you get **87.2740, -21.8271, 94.4757**, and if you desaturate by 10%, it is **114.4990, -16.5150, 70.5994**.

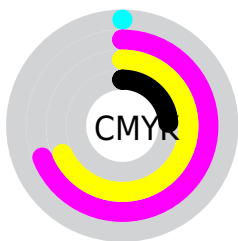
Distribution



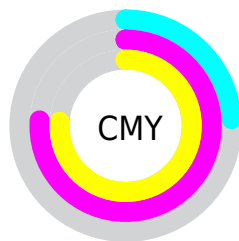
- Red (76%)
- Green (24%)
- Blue (24%)



- Red (76%)
- Yellow (24%)
- Blue (24%)



- Cyan (0%)
- Magenta (69%)
- Yellow (68%)
- Black (24%)



- Cyan (24%)
- Magenta (76%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.5930, -19.0263, 82.7949 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 100.5930, -19.0263, 82.7949 by changing the saturation by 10% instead.

■ 100.5930,
-19.0263, 82.7949

■ 100.5930,
-19.0263, 82.7949

■ 255.0000, 0.0000,
0.0000

■ 70.6190, -15.0952,
81.8951

■ 156.2900,
-22.8210, 86.5687

■ 42.3460, -11.0166,
80.3806

■ 175.5760,
-20.0040, 69.6548

■ 31.0960, -15.3303,
63.9368

■ 194.9760,
-16.7502, 52.6410

■ 22.4250, -11.0555,
46.1083

■ 214.4900,
-13.0596, 35.5273

■ 14.2810, -6.0545,
28.6946

■ 234.7050, -9.2216,
17.7987

■ 0.0000, 0.0000,
0.0000

■ 253.8600, -4.3680,

0.9998

■ 100.5930,
-19.0263, 82.7949

■ 100.5930,
-19.0263, 82.7949

■ 87.2740, -21.8271,
94.4757

■ 114.4990,
-16.5150, 70.5994

■ 73.3680, -24.3384,
106.6713

■ 127.8180,
-13.7143, 58.9186

■ 59.9350, -27.5760,
118.4520

■ 141.8380,
-10.7661, 46.6231

■ 58.6470, -27.4340,
119.5816

■ 155.1570, -7.9654,
34.9423

■ 169.0630, -5.4541,
22.7467

■ 182.3820, -2.6533,
11.0660

■ 196.2880, -0.1420,
-1.1296

■ 209.7210, 3.0955,
-12.9103

■ 223.6270, 5.6069,
-25.1059

Harmonies

Analogous

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



100.7220, 5.5601, 83.5588



100.5930, -19.0263, 82.7949



102.1640, -45.4369, 60.3692

Triad

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



100.5930, -19.0263, 82.7949



81.0640, -14.3286, -71.0931



92.2600, 59.0318, -80.9120

Complementary

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



100.5930, -19.0263, 82.7949



154.4070, 19.0263, -82.7949

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.



97.0070, 49.2965, -85.0751



100.5930, -19.0263, 82.7949



88.9810, 8.3904, -78.0363

Square

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



100.5930, -19.0263, 82.7949



94.9580, -46.8143, -11.3642



94.7950, 30.6671, -83.1352



109.2370, 44.2532, -7.2238

Rectangle

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



100.5930, -19.0263, 82.7949



102.6530, -50.6079, 38.8923



94.7950, 30.6671, -83.1352



94.3800, 57.0007, -82.7713

Sweetspot

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



100.5930, -19.0263, 82.7949



214.9610, -7.3758, 32.4832



115.1570, 39.3626, 68.2683



105.5680, -4.7170, 19.6729



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

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



100.5930, -19.0263, 82.7949



105.8330, -29.4977, 128.1885



138.5200, -38.7104, 49.5330



89.9900, -1.4741, 6.1478



48.3670, -22.8589, 98.7791



9.8670, -4.8644, 20.2876

Inverse Universe

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



100.5930, -19.0263, 82.7949



105.8330, -29.4977, 128.1885



116.4800, 38.7104, -49.5330



89.9900, -1.4741, 6.1478



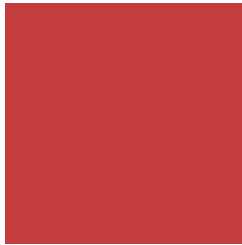
48.3670, -22.8589, 98.7791



9.8670, -4.8644, 20.2876

Previews

White Background



This preview shows how the YUV color 100.5930, -19.0263, 82.7949 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 100.5930, -19.0263, 82.7949 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 100.5930, -19.0263, 82.7949

Background



This preview shows how black text looks on a background with the YUV color 100.5930, -19.0263, 82.7949.



This preview shows how white text looks on a background with the YUV color 100.5930, -19.0263, 82.7949.

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

100.5930, -19.0263, 82.7949

Protanopia

108.0860, -13.8464, 7.8176

Deuteranopia

107.5690, -26.4095, 24.0570



Tritanopia

100.7070, -18.5896, 82.6950

Trichromacy



Original Color

100.5930, -19.0263, 82.7949

Protanomaly

105.0940, -15.8223, 34.9976

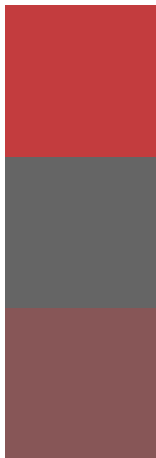
Deuteranomaly

105.0970, -23.7118, 45.5189

Tritanomaly

100.7070, -18.5896, 82.6950

Monochromacy



Original Color

100.5930, -19.0263, 82.7949

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.7650, -6.7861, 30.0241

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.5930, -19.0263, 82.7949 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(195, 60, 62)` looks like.

```
.text, #text, p{  
    color:rgb(195, 60, 62)  
}
```

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(195, 60, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 60, 62) }
```

Border

The CSS property to change the border of an element to YUV 100.5930, -19.0263, 82.7949 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(195, 60, 62) }
```


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

```
.border{ border-color:rgb(195, 60, 62) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 60, 62)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 60, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 60, 62);  
box-shadow:4px 4px 4px 4px rgb(195, 60,  
62) }
```

Background

The CSS property to change the background color of an element to YUV 100.5930, -19.0263, 82.7949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 60, 62) }
```

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

```
.background{ background-color: rgb(195, 60,  
62) }
```

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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