

Converting Colors

YUV(100.7990, -31.4529,
101.9083)

Have a look what the booklet for
YUV(100.7990, -31.4529, 101.9083)
contains.

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Color

**YUV(100.7990, -31.4529,
101.9083)**

Conversions

Conversions Part 1

Format	Color
Hex	D93625
RGB	217, 54, 37
RGB Percent	85%, 21%, 15%
CMY	0.1490, 0.7882, 0.8549
CMYK	0.00, 0.75, 0.83, 0.15
HSL	6°, 71%, 50%
HSV	6°, 83%, 85%
XYZ	30.2684, 17.5236, 3.5373
YIQ	100.7990, 102.6050, 29.2690

Conversions

Conversions Part 2

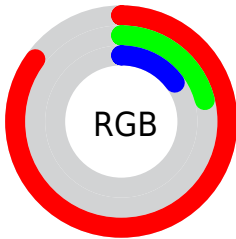
Format	Color
RYB	217, 56, 37
Decimal	14235173
CIELab	48.91, 61.65, 48.10
CIELCh	49, 78.193, 37.965
Yxy	17.5236, 0.5897, 0.3414
Android (android.graphics.Color)	4292425253 (0xFFD93625)
YUV	100.7990, -31.4529, 101.9083
Hunter-Lab	41.8612, 55.8099, 24.2928

Details

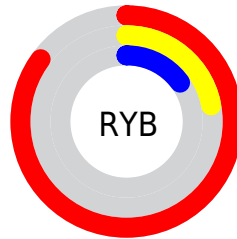
The YUV color **100.7990, -31.4529, 101.9083** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **153.2010, 31.4529, -101.9083**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **152.2660, -33.1621, 90.0977**, and **45.7470, -22.5533, 94.0609** is the 20% darker color. If you saturate the color by 10%, you get **86.5510, -35.2746, 114.4038**, and if you desaturate by 10%, it is **115.0470, -27.6312, 89.4128**.

Distribution



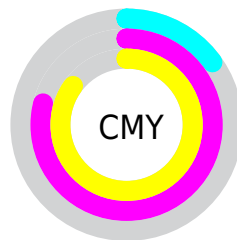
- Red (85%)
- Green (21%)
- Blue (15%)



- Red (85%)
- Yellow (22%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (83%)
- Black (15%)





- Cyan (15%)
- Magenta (79%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 100.7990, -31.4529, 101.9083 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 100.7990, -31.4529, 101.9083 by changing the saturation by 10% instead.


 100.7990,
-31.4529, 101.9083


 100.7990,
-31.4529, 101.9083


255.0000, 0.0000,
0.0000


 64.4280, -25.3540,
105.7416


 152.2660,
-33.1621, 90.0977


 45.7470, -22.5533,
94.0609


 171.4380,
-30.7819, 73.2839


 36.4780, -17.9837,
75.0028


 191.4250,
-27.8175, 55.7553

 27.2090, -13.4140,
55.9447

 211.5260,
-24.4163, 38.1267

 19.1790, -7.9762,
38.4310

 231.6270,
-21.0151, 20.4981

 8.1870, -3.5432,
16.4990

 250.6680,

 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

100.7990,
-31.4529, 101.9083

100.7990,
-31.4529, 101.9083

86.5510, -35.2746,
114.4038

115.0470,
-27.6312, 89.4128

76.6230, -37.7751,
123.1106

128.5940,
-23.9568, 77.5321

142.8420,
-20.1351, 65.0366

157.0900,
-16.3134, 52.5411

170.7510,
-12.2022, 40.5604

■ 184.8850, -8.8173,
28.1649

■ 199.1330, -4.9956,
15.6694

■ 212.7940, -0.8844,
3.6887

■ 226.9280, 2.5005,
-8.7069

Harmonies

Analogous

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



80.0990, 10.7972, 130.5862



100.7990, -31.4529, 101.9083



108.9980, -53.7360, 62.2688

Triad

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



100.7990, -31.4529, 101.9083



89.9490, -13.2859, -78.8853



98.8260, 74.0358, -86.6704

Complementary

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



100.7990, -31.4529, 101.9083



153.2010, 31.4529, -101.9083

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.



107.7790, 65.1850, -94.5222



100.7990, -31.4529, 101.9083



99.6900, 16.4218, -87.4281

Square

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



100.7990, -31.4529, 101.9083



92.7110, -45.7065, -40.0885



106.3990, 44.6663, -93.3119



117.6280, 51.4554, 16.1122

Rectangle

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



100.7990, -31.4529, 101.9083



109.0990, -53.7858, 31.4852



106.3990, 44.6663, -93.3119



103.1630, 72.8836, -90.4740

Sweetspot

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



100.7990, -31.4529, 101.9083



213.6580, -11.1704, 36.2569



109.6300, 45.5384, 94.1635



103.0090, -6.9064, 21.9171



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.



100.7990, -31.4529, 101.9083



90.3330, -44.5342, 144.4130



152.4550, -56.9193, 56.6060



102.8760, -1.9109, 6.2477



61.1190, -30.1317, 98.1196



16.1020, -7.9383, 26.2205

Inverse Universe

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



153.2010, 31.4529, -101.9083



164.6670, 44.5342, -144.4130



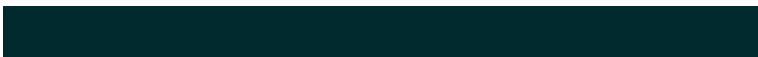
101.5450, 56.9193, -56.6060



106.1240, 1.9109, -6.2477



111.8810, 30.1317, -98.1196



29.8980, 7.9383, -26.2205

Previews

White Background



This preview shows how the YUV color 100.7990, -31.4529, 101.9083 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 100.7990, -31.4529, 101.9083 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 100.7990, -31.4529, 101.9083 Background



This preview shows how black text looks on a background with the YUV color 100.7990, -31.4529, 101.9083.



This preview shows how white text looks on a background with the YUV color 100.7990, -31.4529, 101.9083.

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

100.7990, -31.4529, 101.9083

Protanopia

113.5910, -29.8714, 14.3907

Deuteranopia

111.4610, -46.0763, 32.0447



Tritanopia

101.4490, -23.8854, 101.3382

Trichromacy



Original Color

100.7990, -31.4529, 101.9083

Protanomaly

108.9740, -30.5532, 46.5038

Deuteranomaly

107.4070, -40.6267, 57.5251

Tritanomaly

101.3520, -26.7955, 101.4233

Monochromacy



Original Color

100.7990, -31.4529, 101.9083

Achromatopsia

101.0000, 0.0000, 0.0000

Achromatomaly

100.9570, -11.3178, 36.8717

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.7990, -31.4529, 101.9083 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(217, 54, 37)` looks like.

```
.text, #text, p{  
    color:rgb(217, 54, 37)  
}
```

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(217, 54, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 54, 37) }
```

Border

The CSS property to change the border of an element to YUV 100.7990, -31.4529, 101.9083 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(217, 54, 37) }
```


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

```
.border{ border-color:rgb(217, 54, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 54, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 54, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 54, 37);  
box-shadow:4px 4px 4px 4px rgb(217, 54,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 100.7990, -31.4529, 101.9083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 54, 37) }
```

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

```
.background{ background-color: rgb(217, 54,  
37) }
```

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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