

Converting Colors

YUV(119.4330, -29.7935,
82.9353)

Have a look what the booklet for
YUV(119.4330, -29.7935, 82.9353)
contains.

YUV(119.4330, -29.7935, 82.9353)	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(119.4330, -29.7935,
82.9353)**

Conversions

Conversions Part 1

Format	Color
Hex	D6533B
RGB	214, 83, 59
RGB Percent	84%, 33%, 23%
CMY	0.1608, 0.6745, 0.7686
CMYK	0.00, 0.61, 0.72, 0.16
HSL	9°, 65%, 54%
HSV	9°, 72%, 84%
XYZ	31.6142, 20.7984, 6.4859
YIQ	119.4330, 85.7800, 20.3080

Conversions

Conversions Part 2

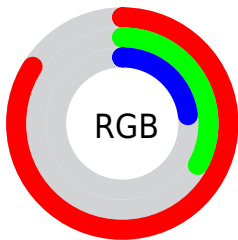
Format	Color
RYB	214, 87, 59
Decimal	14046011
CIELab	52.73, 50.19, 40.39
CIELCh	53, 64.422, 38.824
Yxy	20.7984, 0.5368, 0.3531
Android (android.graphics.Color)	4292236091 (0xFFD6533B)
YUV	119.4330, -29.7935, 82.9353
Hunter-Lab	45.6053, 43.9295, 23.4916

Details

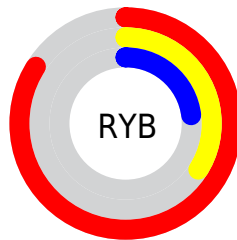
The YUV color **119.4330, -29.7935, 82.9353** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **153.5670, 29.7935, -82.9353**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **168.8620, -30.4980, 75.5430**, and **61.7190, -23.5255, 79.1764** is the 20% darker color. If you saturate the color by 10%, you get **106.4730, -33.7572, 94.3012**, and if you desaturate by 10%, it is **132.3930, -25.8297, 71.5693**.

Distribution



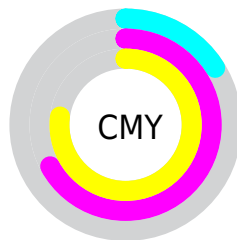
- Red (84%)
- Green (33%)
- Blue (23%)



- Red (84%)
- Yellow (34%)
- Blue (23%)



- Cyan (0%)
- Magenta (61%)
- Yellow (72%)
- Black (16%)



- Cyan (16%)
- Magenta (67%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the YUV color 119.4330, -29.7935, 82.9353 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 119.4330, -29.7935, 82.9353 by changing the saturation by 10% instead.

■ 119.4330,
-29.7935, 82.9353

■ 119.4330,
-29.7935, 82.9353

■ 255.0000, 0.0000,
0.0000

■ 91.6930, -27.4566,
80.0762

■ 168.8620,
-30.4980, 75.5430

■ 61.7190, -23.5255,
79.1764

■ 188.2620,
-27.2442, 58.5292

■ 36.4780, -17.9837,
75.0028

■ 207.6620,
-23.9904, 41.5154

■ 27.5080, -13.5614,
56.5595

■ 227.8770,
-20.1524, 23.7869

■ 19.2500, -8.9972,
39.2458

■ 248.0920,
-16.3144, 6.0583

■ 9.9810, -4.4276,
20.1877

■ 253.6320, -5.2416,

■ 0.0000, 0.0000,

1.1997

0.0000

■ 119.4330,
-29.7935, 82.9353

■ 119.4330,
-29.7935, 82.9353

■ 106.4730,
-33.7572, 94.3012

■ 132.3930,
-25.8297, 71.5693

■ 93.3990, -38.1577,
105.7671

■ 145.4670,
-21.4292, 60.1034

■ 83.3570, -41.0950,
114.5739

■ 158.4270,
-17.4655, 48.7375

■ 171.5010,
-13.0650, 37.2716

■ 184.4610, -9.1013,
25.9057

■ 198.0080, -5.4269,
14.0250

■ 211.0820, -1.0264,
2.5591

■ 224.0420, 2.9373,
-8.8068

■ 237.1160, 7.3378,
-20.2727

Harmonies

Analogous

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



118.4860, -3.1976, 92.5358



119.4330, -29.7935, 82.9353



117.8140, -58.0823, 56.2911

Triad

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



119.4330, -29.7935, 82.9353



96.3380, -6.5756, -84.4884



101.4530, 66.3317, -88.9743

Complementary

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



119.4330, -29.7935, 82.9353



153.5670, 29.7935, -82.9353

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.



109.4600, 58.9332, -95.9964



119.4330, -29.7935, 82.9353



104.7110, 17.8905, -91.8315

Square

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



119.4330, -29.7935, 82.9353



109.0420, -40.9397, -28.9778



110.1660, 41.3302, -96.6156



128.9950, 41.4145, 16.6674

Rectangle

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



119.4330, -29.7935, 82.9353



117.9480, -58.1484, 30.7406



110.1660, 41.3302, -96.6156



105.0890, 65.0321, -92.1631

Sweetspot

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



119.4330, -29.7935, 82.9353



221.0270, -10.8593, 29.7943



120.3930, 34.8093, 82.0933



107.1010, -6.4588, 18.3284



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.



119.4330, -29.7935, 82.9353



119.9230, -42.8530, 118.4625



164.6320, -52.0766, 43.2957



100.4630, -2.2003, 5.7329



66.3910, -32.7308, 91.7421



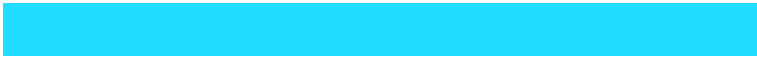
16.9660, -8.3642, 22.8318

Inverse Universe

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



153.5670, 29.7935, -82.9353



168.6640, 42.5636, -118.9773



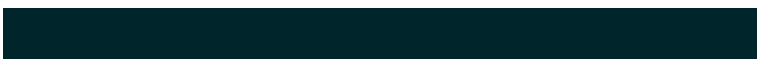
108.3680, 52.0766, -43.2957



102.5370, 2.2003, -5.7329



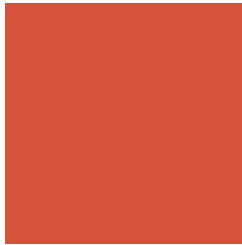
104.0220, 33.0202, -91.2273



26.6210, 8.0748, -23.3466

Previews

White Background



This preview shows how the YUV color 119.4330, -29.7935, 82.9353 looks on a white 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

Black Background



This preview shows how the YUV color 119.4330, -29.7935, 82.9353 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 119.4330, -29.7935, 82.9353

Background



This preview shows how black text looks on a background with the YUV color 119.4330, -29.7935, 82.9353.



This preview shows how white text looks on a background with the YUV color 119.4330, -29.7935,

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

119.4330, -29.7935, 82.9353

Protanopia

123.8450, -25.0666, 13.2909

Deuteranopia

123.1970, -35.5931, 29.6452



Tritanopia

120.9350, -17.7160, 82.4950

Trichromacy



Original Color

119.4330, -29.7935, 82.9353

Protanomaly

121.9560, -26.6003, 38.6266

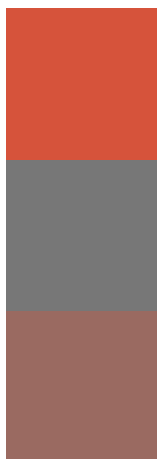
Deuteranomaly

122.1870, -33.6162, 48.9480

Tritanomaly

120.4960, -21.9365, 82.8800

Monochromacy



Original Color

119.4330, -29.7935, 82.9353

Achromatopsia

119.0000, 0.0000, 0.0000

Achromatomaly

119.3260, -11.0067, 30.4091

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.4330, -29.7935, 82.9353 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(214, 83, 59)` looks like.

```
.text, #text, p{  
    color:rgb(214, 83, 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(214, 83, 59) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 83, 59) }
```

Border

The CSS property to change the border of an element to YUV 119.4330, -29.7935, 82.9353 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(214, 83, 59) }
```


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

```
.border{ border-color:rgb(214, 83, 59) }
```

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

Here you see how a box with a 4 pixel rgb(214, 83, 59) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 83, 59); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 83, 59);  
box-shadow:4px 4px 4px 4px rgb(214, 83,  
59) }
```

Background

The CSS property to change the background color of an element to YUV 119.4330, -29.7935, 82.9353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 83, 59) }
```

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

```
.background{ background-color: rgb(214, 83,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor