

Converting Colors

YUV(82.4930, -23.9070,
108.3156)

Have a look what the booklet for
YUV(82.4930, -23.9070, 108.3156)
contains.

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Color

**YUV(82.4930, -23.9070,
108.3156)**

Conversions

Conversions Part 1

Format	Color
Hex	CE1D22
RGB	206, 29, 34
RGB Percent	81%, 11%, 13%
CMY	0.1922, 0.8863, 0.8667
CMYK	0.00, 0.86, 0.83, 0.19
HSL	358°, 75%, 46%
HSV	358°, 86%, 81%
XYZ	26.1817, 14.1160, 2.8581
YIQ	82.4930, 103.8870, 39.0790

Conversions

Conversions Part 2

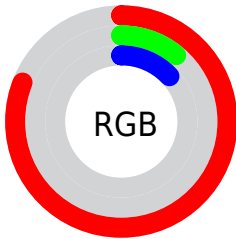
Format	Color
RYB	206, 29, 34
Decimal	13507874
CIELab	44.40, 64.99, 44.70
CIELCh	44, 78.876, 34.519
Yxy	14.1160, 0.6067, 0.3271
Android (android.graphics.Color)	4291697954 (0xFFCE1D22)
YUV	82.4930, -23.9070, 108.3156
Hunter-Lab	37.5713, 58.6385, 21.7896

Details

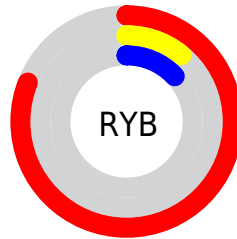
The YUV color **82.4930, -23.9070, 108.3156** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **152.5070, 23.9070, -108.3156**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.7170, -30.4265, 99.3492**, and **42.4580, -20.9318, 87.2983** is the 20% darker color. If you saturate the color by 10%, you get **67.8860, -26.5658, 121.1260**, and if you desaturate by 10%, it is **97.1000, -21.2483, 95.5053**.

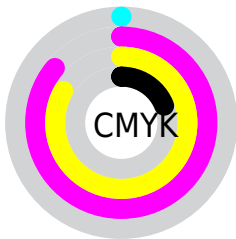
Distribution



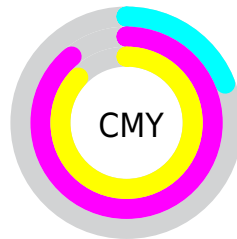
- Red (81%)
- Green (11%)
- Blue (13%)



- Red (81%)
- Yellow (11%)
- Blue (13%)



- Cyan (0%)
- Magenta (86%)
- Yellow (83%)
- Black (19%)





- Cyan (19%)
- Magenta (89%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 82.4930, -23.9070, 108.3156 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 82.4930, -23.9070, 108.3156 by changing the saturation by 10% instead.


 82.4930, -23.9070,
108.3156


 82.4930, -23.9070,
108.3156


255.0000, 0.0000,
0.0000

 53.3940, -20.4072,
105.7715


 141.7170,
-30.4265, 99.3492

 42.4580, -20.9318,
87.2983


 161.0030,
-27.6095, 82.4354


 33.1890, -16.3622,
68.2402

 180.8760,
-25.0819, 65.0067

 24.1480, -10.9190,
48.9822

 200.9770,
-21.6807, 47.3782

 15.4770, -6.6442,
31.1537

 221.0780,
-18.2795, 29.7496

 0.0000, 0.0000,
0.0000

 241.8800,

-14.7308, 11.5062

■ 253.2900, -6.5520,
1.4997

■ 82.4930, -23.9070,
108.3156

■ 82.4930, -23.9070,
108.3156

■ 67.8860, -26.5658,
121.1260

■ 97.1000, -21.2483,
95.5053

■ 62.2780, -27.7451,
126.0442

■ 111.1200,
-18.3002, 83.2098

■ 125.7270,
-15.6414, 70.3994

■ 139.7470,
-12.6933, 58.1039

■ 154.3540,
-10.0345, 45.2935

■ 168.9610, -7.3758,
32.4832

■ 182.9810, -4.4276,
20.1877

■ 197.5880, -1.7689,
7.3773

■ 211.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



75.4570, 11.1137, 122.3792



82.4930, -23.9070, 108.3156



97.5020, -48.0685, 64.4577

Triad

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



82.4930, -23.9070, 108.3156



80.0380, -18.2597, -70.1933



92.2890, 71.8355, -80.9375

Complementary

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



82.4930, -23.9070, 108.3156



152.5070, 23.9070, -108.3156

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.



99.6120, 61.8163, -87.3597



82.4930, -23.9070, 108.3156



89.8930, 11.8848, -78.8362

Square

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



82.4930, -23.9070, 108.3156



84.4820, -41.6496, -34.6257



97.3030, 40.2766, -85.3347



104.6480, 54.4035, 3.8167

Rectangle

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



82.4930, -23.9070, 108.3156



99.0870, -48.8499, 35.0037



97.3030, 40.2766, -85.3347



96.3980, 69.8098, -84.5410

Sweetspot

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



82.4930, -23.9070, 108.3156



208.9620, -8.8553, 40.3753



100.3070, 52.1066, 87.4308



100.0740, -5.4595, 24.4911



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.



82.4930, -23.9070, 108.3156



77.0430, -34.5312, 156.0683



130.6440, -50.1105, 66.0872



94.9900, -1.4741, 6.1478



50.2040, -22.2856, 101.5531



11.4760, -5.1647, 23.2615

Inverse Universe

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



82.4930, -23.9070, 108.3156



77.0430, -34.5312, 156.0683



104.3560, 50.1105, -66.0872



94.9900, -1.4741, 6.1478



50.2040, -22.2856, 101.5531



11.4760, -5.1647, 23.2615

Previews

White Background



This preview shows how the YUV color 82.4930, -23.9070, 108.3156 looks on a white background.

Color Contrast Check

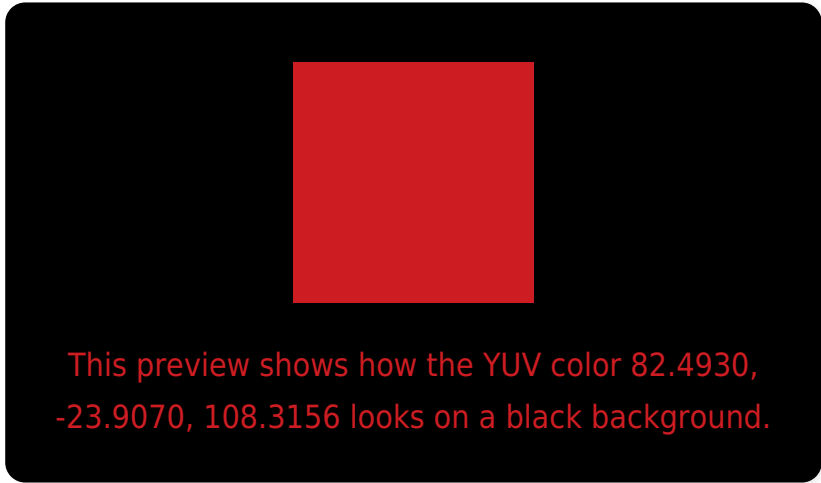
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 82.4930, -23.9070, 108.3156

Background



This preview shows how black text looks on a background with the YUV color 82.4930, -23.9070, 108.3156.



This preview shows how white text looks on a background with the YUV color 82.4930, -23.9070,

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

82.4930, -23.9070, 108.3156

Protanopia

103.2470, -24.7718, 12.0614

Deuteranopia

100.7210, -43.7395, 29.1857



Tritanopia

82.2820, -27.2540, 108.5007

Trichromacy



Original Color

82.4930, -23.9070, 108.3156

Protanomaly

95.5810, -24.4434, 46.8485

Deuteranomaly

94.1450, -36.5535, 57.7548

Tritanomaly

82.6240, -25.9436, 108.2008

Monochromacy



Original Color

82.4930, -23.9070, 108.3156

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

82.3640, -8.5605, 39.1458

CSS Examples

Text

The CSS property to change the color of the text to YUV 82.4930, -23.9070, 108.3156 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(206, 29, 34)` looks like.

```
.text, #text, p{  
    color:rgb(206, 29, 34)  
}
```

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(206, 29, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 29, 34) }
```

Border

The CSS property to change the border of an element to YUV 82.4930, -23.9070, 108.3156 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(206, 29, 34) }
```


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

```
.border{ border-color:rgb(206, 29, 34) }
```

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

Here you see how a box with a 4 pixel rgb(206, 29, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 29, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 29, 34);  
box-shadow:4px 4px 4px 4px rgb(206, 29,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 82.4930, -23.9070, 108.3156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 29, 34) }
```

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

```
.background{ background-color: rgb(206, 29,  
34) }
```

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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