

Converting Colors

YUV(98.2530, -23.2957,
98.8791)

Have a look what the booklet for
YUV(98.2530, -23.2957, 98.8791)
contains.

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Color

**YUV(98.2530, -23.2957,
98.8791)**

Conversions

Conversions Part 1

Format	Color
Hex	D33233
RGB	211, 50, 51
RGB Percent	83%, 20%, 20%
CMY	0.1725, 0.8039, 0.8000
CMYK	0.00, 0.76, 0.76, 0.17
HSL	360°, 65%, 51%
HSV	360°, 76%, 83%
XYZ	28.6021, 16.3691, 4.7840
YIQ	98.2530, 95.6350, 34.4430

Conversions

Conversions Part 2

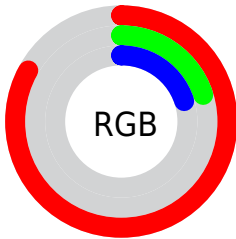
Format	Color
RYB	211, 50, 51
Decimal	13840947
CIELab	47.46, 61.55, 38.83
CIElCh	47, 72.774, 32.249
Yxy	16.3691, 0.5749, 0.3290
Android (android.graphics.Color)	4292031027 (0xFFD33233)
YUV	98.2530, -23.2957, 98.8791
Hunter-Lab	40.4588, 55.3869, 21.3104

Details

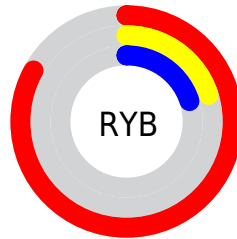
The YUV color **98.2530, -23.2957, 98.8791** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **162.7470, 23.2957, -98.8791**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **151.4000, -26.3262, 90.8572**, and **45.0500, -18.7586, 90.2871** is the 20% darker color. If you saturate the color by 10%, you get **83.5320, -26.3913, 111.7894**, and if you desaturate by 10%, it is **112.9740, -20.2002, 85.9688**.

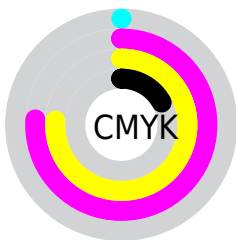
Distribution



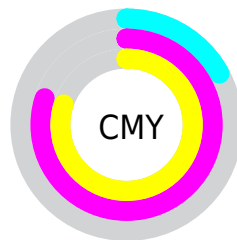
- Red (83%)
- Green (20%)
- Blue (20%)



- Red (83%)
- Yellow (20%)
- Blue (20%)



- Cyan (0%)
- Magenta (76%)
- Yellow (76%)
- Black (17%)





- Cyan (17%)
- Magenta (80%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 98.2530, -23.2957, 98.8791 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 98.2530, -23.2957, 98.8791 by changing the saturation by 10% instead.


 98.2530, -23.2957,
98.8791


 98.2530, -23.2957,
98.8791


255.0000, 0.0000,
0.0000


 59.1750, -14.8763,
105.0865


 151.4000,
-26.3262, 90.8572


 45.0500, -18.7586,
90.2871


 171.2730,
-23.7986, 73.4286


 34.9830, -17.2466,
71.9289


 190.6730,
-20.5448, 56.4148

 25.7140, -12.6770,
52.8708

 210.7740,
-17.1436, 38.7862

 17.5700, -7.6760,
35.4571

 231.5760,
-13.5950, 20.5428

 5.3820, -2.6533,
11.0660

 251.7910, -9.7570,

 0.0000, 0.0000,

2.8143

0.0000

■ 98.2530, -23.2957,
98.8791

■ 98.2530, -23.2957,
98.8791

■ 83.5320, -26.3913,
111.7894

■ 112.9740,
-20.2002, 85.9688

■ 68.8110, -29.4868,
124.6998

■ 127.6950,
-17.1046, 73.0585

■ 63.2030, -30.6661,
129.6180

■ 142.4160,
-14.0091, 60.1482

■ 157.1370,
-10.9135, 47.2379

■ 171.8580, -7.8180,
34.3275

■ 187.1660, -5.0118,
20.9024

■ 201.8870, -1.9163,
7.9921

■ 216.6080, 1.1793,
-4.9182

■ 231.3290, 4.2748,
-17.8285

Harmonies

Analogous

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



90.1520, 10.2781, 110.3687



98.2530, -23.2957, 98.8791



104.3020, -51.4209, 66.3871

Triad

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



98.2530, -23.2957, 98.8791



84.9450, -17.2279, -74.4968



96.8710, 69.0836, -84.9559

Complementary

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



98.2530, -23.2957, 98.8791



162.7470, 23.2957, -98.8791

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.



103.3790, 58.4802, -90.6634



98.2530, -23.2957, 98.8791



94.2300, 10.7326, -82.6397

Square

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



98.2530, -23.2957, 98.8791



95.1800, -46.9237, -22.9599



101.1840, 37.3773, -88.7384



113.2190, 51.6570, -1.9461

Rectangle

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



98.2530, -23.2957, 98.8791



105.8980, -52.2077, 38.6775



101.1840, 37.3773, -88.7384



100.1650, 66.4737, -87.8447

Sweetspot

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



98.2530, -23.2957, 98.8791



213.7550, -8.2602, 36.1719



115.5960, 47.0342, 81.0383



102.7640, -5.3067, 22.1320



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.



98.2530, -23.2957, 98.8791



90.4930, -33.7670, 144.2726



143.9250, -46.3050, 58.8248



97.2890, -1.6215, 6.7625



50.3460, -24.3276, 103.1826



12.2590, -6.0437, 25.2059

Inverse Universe

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



98.2530, -23.2957, 98.8791



90.4930, -33.7670, 144.2726



117.0750, 46.3050, -58.8248



97.2890, -1.6215, 6.7625



50.3460, -24.3276, 103.1826



12.2590, -6.0437, 25.2059

Previews

White Background



This preview shows how the YUV color 98.2530, -23.2957, 98.8791 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 98.2530, -23.2957, 98.8791 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 98.2530, -23.2957, 98.8791

Background



This preview shows how black text looks on a background with the YUV color 98.2530, -23.2957, 98.8791.



This preview shows how white text looks on a background with the YUV color 98.2530, -23.2957,

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

98.2530, -23.2957, 98.8791

Protanopia

111.5010, -19.9670, 10.9616

Deuteranopia

110.4140, -34.7141, 27.7009



Tritanopia

98.2530, -23.2957, 98.8791

Trichromacy



Original Color

98.2530, -23.2957, 98.8791

Protanomaly

106.7700, -21.0856, 43.1747

Deuteranomaly

106.0180, -30.5749, 53.4812

Tritanomaly

98.2530, -23.2957, 98.8791

Monochromacy



Original Color

98.2530, -23.2957, 98.8791

Achromatopsia

98.0000, 0.0000, 0.0000

Achromatomaly

98.3420, -8.5496, 35.6571

CSS Examples

Text

The CSS property to change the color of the text to YUV 98.2530, -23.2957, 98.8791 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(211, 50, 51)` looks like.

```
.text, #text, p{  
    color:rgb(211, 50, 51)  
}
```

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(211, 50, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 50, 51) }
```

Border

The CSS property to change the border of an element to YUV 98.2530, -23.2957, 98.8791 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(211, 50, 51) }
```


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

```
.border{ border-color:rgb(211, 50, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 50, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 50, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 50, 51);  
box-shadow:4px 4px 4px 4px rgb(211, 50,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 98.2530, -23.2957, 98.8791 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 50, 51) }
```

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

```
.background{ background-color: rgb(211, 50,  
51) }
```

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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