

Converting Colors

YUV(93.8050, -13.7079,
103.6570)

Have a look what the booklet for
YUV(93.8050, -13.7079, 103.6570)
contains.

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Color

**YUV(93.8050, -13.7079,
103.6570)**

Conversions

Conversions Part 1

Format	Color
Hex	D42742
RGB	212, 39, 66
RGB Percent	83%, 15%, 26%
CMY	0.1686, 0.8471, 0.7412
CMYK	0.00, 0.82, 0.69, 0.17
HSL	351°, 69%, 49%
HSV	351°, 82%, 83%
XYZ	28.8603, 15.8414, 6.6909
YIQ	93.8050, 94.4410, 45.0730

Conversions

Conversions Part 2

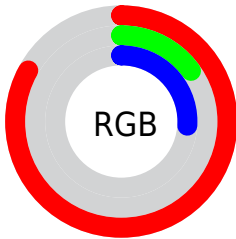
Format	Color
RYB	212, 39, 66
Decimal	13903682
CIELab	46.77, 65.52, 29.29
CIElCh	47, 71.774, 24.088
Yxy	15.8414, 0.5616, 0.3082
Android (android.graphics.Color)	4292093762 (0xFFD42742)
YUV	93.8050, -13.7079, 103.6570
Hunter-Lab	39.8013, 59.7796, 17.8939

Details

The YUV color **93.8050, -13.7079, 103.6570** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **157.1950, 13.7079, -103.6570**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.7020, -17.6011, 92.3463**, and **47.2870, -11.4805, 89.2023** is the 20% darker color. If you saturate the color by 10%, you get **79.4260, -15.4930, 116.2674**, and if you desaturate by 10%, it is **108.1840, -11.9227, 91.0466**.

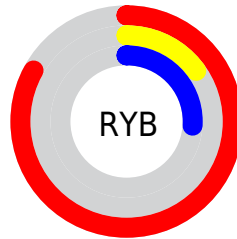
Distribution



Red (83%)

Green (15%)

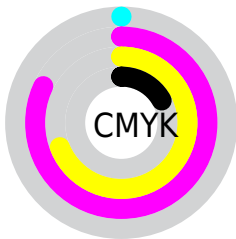
Blue (26%)



Red (83%)

Yellow (15%)

Blue (26%)

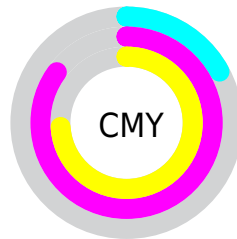


Cyan (0%)

Magenta (82%)

Yellow (69%)

Black (17%)



Cyan (17%)


Magenta (85%)


Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the YUV color 93.8050, -13.7079, 103.6570 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 93.8050, -13.7079, 103.6570 by changing the saturation by 10% instead.


 93.8050, -13.7079,
103.6570


 93.8050, -13.7079,
103.6570


255.0000, 0.0000,
0.0000

 58.8360, -7.3141,
106.2608


 149.7020,
-17.6011, 92.3463

 47.2870, -11.4805,
89.2023


 169.5750,
-15.0735, 74.9177

 35.5810, -17.5414,
73.1585


 189.0890,
-11.3829, 57.8039

 26.4260, -12.5350,
54.0004

 209.7770, -8.2711,
39.6606

 17.8690, -7.8234,
36.0719

 229.9920, -4.4331,
21.9320

 5.6810, -2.8007,
11.6808

 250.7940, -0.8844,

 0.0000, 0.0000,

3.6887

0.0000

■ 93.8050, -13.7079,
103.6570

■ 93.8050, -13.7079,
103.6570

■ 79.4260, -15.4930,
116.2674

■ 108.1840,
-11.9227, 91.0466

■ 67.1500, -16.8359,
127.0335


■ 122.5630,
-10.1376, 78.4362

■ 137.5290, -8.6418,
65.3111


■ 151.9080, -6.8566,
52.7007

■ 166.1730, -5.5083,
40.1903

■ 180.5520, -3.7231,
27.5799

 194.9310, -1.9380,
14.9695

 209.8970, -0.4422,
1.8443

 224.2760, 1.3429,
-10.7661

Harmonies

Analogous

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



93.2910, 16.1255, 101.4768



93.8050, -13.7079, 103.6570



100.8240, -49.7062, 76.4534

Triad

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



93.8050, -13.7079, 103.6570



80.3170, -24.8063, -70.4380



98.0620, 66.0314, -86.0004

Complementary

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



93.8050, -13.7079, 103.6570



157.1950, 13.7079, -103.6570

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.



101.8970, 52.8018, -89.3637



93.8050, -13.7079, 103.6570



90.8900, 3.0122, -79.7105

Square

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



93.8050, -13.7079, 103.6570



97.9260, -48.2775, -8.7051



98.5450, 29.8043, -86.4240



105.5360, 57.4168, -29.4111

Rectangle

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



93.8050, -13.7079, 103.6570



104.4910, -51.5141, 49.5584



98.5450, 29.8043, -86.4240



100.5410, 62.8373, -88.1745

Sweetspot

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



93.8050, -13.7079, 103.6570



213.2650, -5.0606, 36.6016



101.7780, 54.3394, 71.2317



102.6330, -3.2701, 22.2469



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.



93.8050, -13.7079, 103.6570



84.1960, -19.8166, 149.7951



124.7730, -42.2861, 76.4981



99.5170, -0.7479, 6.5626



54.2070, -13.4131, 102.4275



13.6550, -3.2809, 25.7356

Inverse Universe

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



93.8050, -13.7079, 103.6570



84.1960, -19.8166, 149.7951



126.2270, 42.2861, -76.4981



99.5170, -0.7479, 6.5626



54.2070, -13.4131, 102.4275



13.6550, -3.2809, 25.7356

Previews

White Background



This preview shows how the YUV color 93.8050, -13.7079, 103.6570 looks on a white background.

Color Contrast Check

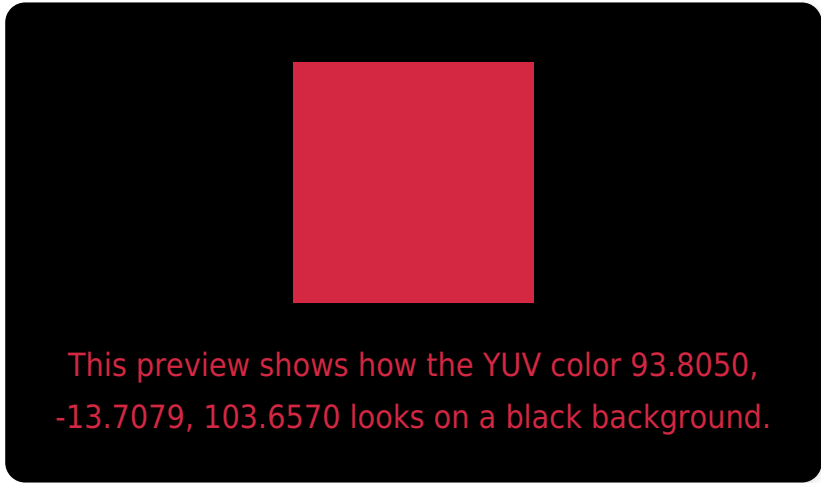
Large Text (above 18pt) WCAG AA ✓ Pass

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 93.8050, -13.7079, 103.6570

Background



This preview shows how black text looks on a background with the YUV color 93.8050, -13.7079, 103.6570.



This preview shows how white text looks on a background with the YUV color 93.8050, -13.7079,

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

93.8050, -13.7079, 103.6570

Protanopia

111.0410, -8.8942, 6.1030

Deuteranopia

109.6830, -25.9727, 23.9570



Tritanopia

93.9330, -24.6170, 102.6678

Trichromacy



Original Color

93.8050, -13.7079, 103.6570

Protanomaly

104.8050, -10.7499, 41.3900

Deuteranomaly

104.0100, -21.6969, 52.6112

Tritanomaly

93.6710, -20.5438, 102.8975

Monochromacy



Original Color

93.8050, -13.7079, 103.6570

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.9770, -4.9187, 37.7312

CSS Examples

Text

The CSS property to change the color of the text to YUV 93.8050, -13.7079, 103.6570 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(212, 39, 66)` looks like.

```
.text, #text, p{  
    color:rgb(212, 39, 66)  
}
```

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(212, 39, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 39, 66) }
```

Border

The CSS property to change the border of an element to YUV 93.8050, -13.7079, 103.6570 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(212, 39, 66) }
```


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

```
.border{ border-color:rgb(212, 39, 66) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 39, 66)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 39, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 39, 66);  
box-shadow:4px 4px 4px 4px rgb(212, 39,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 93.8050, -13.7079, 103.6570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 39, 66) }
```

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

```
.background{ background-color: rgb(212, 39,  
66) }
```

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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