

Converting Colors

YUV(94.4430, -21.4174,
103.0975)

Have a look what the booklet for
YUV(94.4430, -21.4174, 103.0975)
contains.

YUV(94.4430, -21.4174, 103.0975)	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(94.4430, -21.4174,
103.0975)**

Conversions

Conversions Part 1

Format	Color
Hex	D42B33
RGB	212, 43, 51
RGB Percent	83%, 17%, 20%
CMY	0.1686, 0.8314, 0.8000
CMYK	0.00, 0.80, 0.76, 0.17
HSL	357°, 66%, 50%
HSV	357°, 80%, 83%
XYZ	28.6128, 15.9638, 4.7052
YIQ	94.4430, 98.1560, 38.3160

Conversions

Conversions Part 2

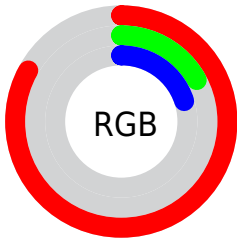
Format	Color
RYB	212, 43, 51
Decimal	13904691
CIELab	46.93, 63.87, 38.31
CIElCh	47, 74.475, 30.958
Yxy	15.9638, 0.5806, 0.3239
Android (android.graphics.Color)	4292094771 (0xFFD42B33)
YUV	94.4430, -21.4174, 103.0975
Hunter-Lab	39.9547, 57.9084, 20.9861

Details

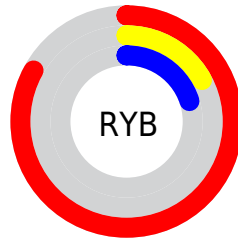
The YUV color **94.4430, -21.4174, 103.0975** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark washed red. A complement of this color would be **160.5570, 21.4174, -103.0975**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.0520, -25.1686, 92.9164**, and **45.3490, -18.9061, 90.9019** is the 20% darker color. If you saturate the color by 10%, you get **79.8360, -24.0761, 115.9078**, and if you desaturate by 10%, it is **109.0500, -18.7586, 90.2872**.

Distribution



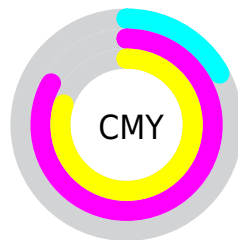
- Red (83%)
- Green (17%)
- Blue (20%)



- Red (83%)
- Yellow (17%)
- Blue (20%)



- Cyan (0%)
- Magenta (80%)
- Yellow (76%)
- Black (17%)





- Cyan (17%)
- Magenta (83%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 94.4430, -21.4174, 103.0975 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 94.4430, -21.4174, 103.0975 by changing the saturation by 10% instead.


 94.4430, -21.4174,
103.0975


 94.4430, -21.4174,
103.0975


255.0000, 0.0000,
0.0000


 57.1260, -13.8661,
107.7605


 149.0520,
-25.1686, 92.9164

 45.3490, -18.9061,
90.9019


 168.9250,
-22.6410, 75.4878


 35.2820, -17.3940,
72.5437


 188.3250,
-19.3872, 58.4740

 26.1270, -12.3876,
53.3856

 208.4260,
-15.9860, 40.8454

 17.5700, -7.6760,
35.4571

 229.1140,
-12.8742, 22.7020

 5.3820, -2.6533,
11.0660

 249.3290, -9.0362,

 0.0000, 0.0000,

4.9735

0.0000

■ 94.4430, -21.4174,
103.0975

■ 94.4430, -21.4174,
103.0975

■ 79.8360, -24.0761,
115.9078

■ 109.0500,
-18.7586, 90.2872

■ 65.2290, -26.7349,
128.7182

■ 123.6570,
-16.0999, 77.4768

■ 64.5280, -26.8823,
129.3329

■ 138.9650,
-13.2937, 64.0517

■ 153.5720,
-10.6350, 51.2414

■ 168.1790, -7.9762,
38.4310

■ 182.7860, -5.3175,
25.6207

■ 197.3930, -2.6587,
12.8103

■ 212.7010, 0.1474,
-0.6148

■ 227.3080, 2.8062,
-13.4251

Harmonies

Analogous

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



81.4610, 15.0557, 117.9907



94.4430, -21.4174, 103.0975



102.8400, -50.7001, 68.5463

Triad

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



94.4430, -21.4174, 103.0975



83.6740, -19.5593, -73.3821



96.9850, 69.5204, -85.0558

Complementary

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



94.4430, -21.4174, 103.0975



160.5570, 21.4174, -103.0975

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.



103.2650, 58.0434, -90.5634



94.4430, -21.4174, 103.0975



93.1870, 9.2748, -81.7250

Square

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



94.4430, -21.4174, 103.0975



94.0060, -46.3450, -21.9303



100.3690, 36.7931, -88.0236



110.7670, 53.8519, -5.9347

Rectangle

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



94.4430, -21.4174, 103.0975



105.0230, -51.7763, 40.3218



100.3690, 36.7931, -88.0236



100.2790, 66.9105, -87.9447

Sweetspot

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



94.4430, -21.4174, 103.0975



212.5810, -7.6814, 37.2015



110.4050, 50.0863, 82.0828



102.1770, -5.0173, 22.6468



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.



94.4430, -21.4174, 103.0975



84.6230, -30.8731, 149.4206



138.1430, -46.9055, 64.7726



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Inverse Universe

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



94.4430, -21.4174, 103.0975



84.6230, -30.8731, 149.4206



116.8570, 46.9055, -64.7726



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 94.4430, -21.4174, 103.0975 looks on a white background.

Color Contrast Check

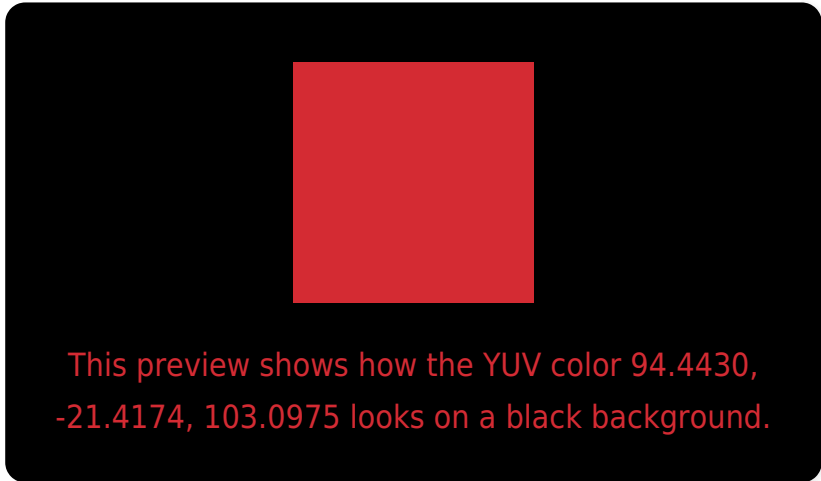
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.4430, -21.4174, 103.0975

Background



This preview shows how black text looks on a background with the YUV color 94.4430, -21.4174, 103.0975.



This preview shows how white text looks on a background with the YUV color 94.4430, -21.4174,

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

94.4430, -21.4174, 103.0975

Protanopia

110.4300, -18.9460, 10.1469

Deuteranopia

108.5280, -34.2773, 27.6009



Tritanopia

94.2320, -24.7644, 103.2825

Trichromacy



Original Color

94.4430, -21.4174, 103.0975

Protanomaly

104.7100, -20.0700, 44.1043

Deuteranomaly

103.2570, -29.7067, 55.0256

Tritanomaly

94.5740, -23.4540, 102.9826

Monochromacy



Original Color

94.4430, -21.4174, 103.0975

Achromatopsia

94.0000, 0.0000, 0.0000

Achromatomaly

93.8800, -7.8288, 37.8162

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.4430, -21.4174, 103.0975 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, 43, 51)` looks like.

```
.text, #text, p{  
    color:rgb(212, 43, 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(212, 43, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 43, 51) }
```

Border

The CSS property to change the border of an element to YUV 94.4430, -21.4174, 103.0975 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, 43, 51) }
```


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

```
.border{ border-color:rgb(212, 43, 51) }
```

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

Here you see how a box with a 4 pixel rgb(212, 43, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 43, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 43, 51);  
box-shadow:4px 4px 4px 4px rgb(212, 43,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 94.4430, -21.4174, 103.0975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 43, 51) }
```

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

```
.background{ background-color: rgb(212, 43,  
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](#).

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