

# Converting Colors

YUV(90.5430, -13.0857,  
90.7318)

Have a look what the booklet for  
YUV(90.5430, -13.0857, 90.7318)  
contains.

<b>YUV(90.5430, -13.0857, 90.7318)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(90.5430, -13.0857,  
90.7318)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C22B40
RGB	194, 43, 64
RGB Percent	76%, 17%, 25%
CMY	0.2392, 0.8314, 0.7490
CMYK	0.00, 0.78, 0.67, 0.24
HSL	352°, 64%, 46%
HSV	352°, 78%, 76%
XYZ	24.0374, 13.5673, 6.2023
YIQ	90.5430, 83.2550, 38.5430

# Conversions

## Conversions Part 2

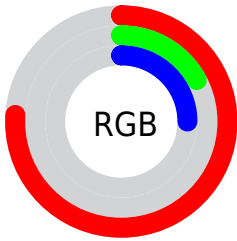
Format	Color
<a href="#">RYB</a>	<a href="#">194, 43, 64</a>
Decimal	<a href="#">12725056</a>
CIELab	<a href="#">43.61, 59.27, 25.82</a>
CIELCh	<a href="#">44, 64.650, 23.535</a>
Yxy	<a href="#">13.5673, 0.5487, 0.3097</a>
Android (android.graphics.Color)	<a href="#">4290915136</a> ( <a href="#">0xFFC22B40</a> )
YUV	<a href="#">90.5430, -13.0857, 90.7318</a>
Hunter-Lab	<a href="#">36.8338, 52.0287, 15.8000</a>

# Details

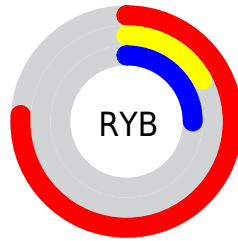
The YUV color **90.5430, -13.0857, 90.7318** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **146.4570, 13.0857, -90.7318**, and the grayscale version is **91.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.8870, -18.1853, 93.0611**, and **42.2750, -9.9956, 79.5658** is the 20% darker color. If you saturate the color by 10%, you get **77.4520, -15.0128, 102.2126**, and if you desaturate by 10%, it is **103.6340, -11.1586, 79.2510**.

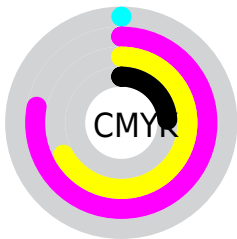
# Distribution



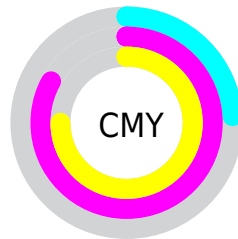
- Red (76%)
- Green (17%)
- Blue (25%)



- Red (76%)
- Yellow (17%)
- Blue (25%)



- Cyan (0%)
- Magenta (78%)
- Yellow (67%)
- Black (24%)




- Cyan (24%)
- Magenta (83%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 90.5430, -13.0857, 90.7318 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 90.5430, -13.0857, 90.7318 by changing the saturation by 10% instead.




 90.5430, -13.0857,  
90.7318


 90.5430, -13.0857,  
90.7318


255.0000, 0.0000,  
0.0000


 53.5250, -5.6818,  
96.0096


 148.8870,  
-18.1853, 93.0611

 42.2750, -9.9956,  
79.5658


 168.7600,  
-15.6577, 75.6325

 30.7970, -15.1829,  
63.3220

 188.1600,  
-12.4039, 58.6187

 21.9410, -10.3239,  
44.7787

 207.6740, -8.7133,  
41.5049

 13.2700, -6.0491,  
26.9502

 227.8890, -4.8753,  
23.7763

 0.0000, 0.0000,  
0.0000

 248.8050, -0.8899,

5.4330

■ 90.5430, -13.0857,  
90.7318

■ 90.5430, -13.0857,  
90.7318

■ 77.4520, -15.0128,  
102.2126

■ 103.6340,  
-11.1586, 79.2510

■ 63.8880, -16.2138,  
114.1082

■ 117.1980, -9.9576,  
67.3554

■ 61.0840, -16.8034,  
116.5673

■ 130.2890, -8.0305,  
55.8745

■ 143.9670, -6.3927,  
43.8789

■ 157.0580, -4.4656,  
32.3981

■ 170.0350, -2.9753,  
21.0173

■ 183.7130, -1.3375,  
9.0217

■ 196.8040, 0.5896,  
-2.4591

■ 210.3680, 1.7906,  
-14.3547

# Harmonies

## Analogous

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



91.2800, 12.6800, 86.5774



90.5430, -13.0857, 90.7318



94.7890, -43.2800, 68.5910

# Triad

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



90.5430, -13.0857, 90.7318



74.6750, -21.0388, -65.4900



90.3850, 59.4632, -79.2676

# Complementary

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



90.5430, -13.0857, 90.7318



146.4570, 13.0857, -90.7318

# 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.



93.7470, 46.9597, -82.2161



90.5430, -13.0857, 90.7318



83.5210, 2.7011, -73.2479

# Square

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



90.5430, -13.0857, 90.7318



91.7460, -45.2308, -5.9162



90.4920, 26.8724, -79.3615



98.9510, 51.2962, -26.2670



# Rectangle

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



90.5430, -13.0857, 90.7318



97.3810, -48.0088, 45.2699



90.4920, 26.8724, -79.3615



92.8640, 56.2690, -81.4417

# Sweetspot

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



90.5430, -13.0857, 90.7318



212.2540, -5.0552, 34.8572



98.4860, 47.0884, 63.5948



103.3340, -3.1227, 21.6321



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.



90.5430, -13.0857, 90.7318



91.6140, -20.5157, 140.6585



119.2600, -37.5962, 65.5470



90.2180, -0.6005, 5.9478



50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878



# Inverse Universe

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



90.5430, -13.0857, 90.7318



91.6140, -20.5157, 140.6585



117.7400, 37.5962, -65.5470



90.2180, -0.6005, 5.9478



50.6470, -14.1230, 96.7796



10.4370, -2.6804, 19.7878



# Previews

## White Background



This preview shows how the YUV color 90.5430, -13.0857, 90.7318 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 90.5430, -13.0857, 90.7318 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

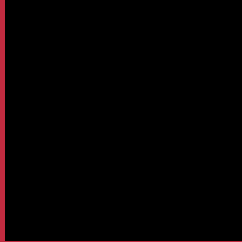
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 90.5430, -13.0857, 90.7318

## Background



This preview shows how black text looks on a background with the YUV color 90.5430, -13.0857, 90.7318.



This preview shows how white text looks on a background with the YUV color 90.5430, -13.0857,



# 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

90.5430, -13.0857, 90.7318

### Protanopia

103.9700, -7.8732, 5.2883

### Deuteranopia

102.4700, -22.9097, 21.5128



## Tritanopia

90.0670, -21.2320, 90.2722

# Trichromacy



## Original Color

90.5430, -13.0857, 90.7318

## Protanomaly

99.2990, -10.0074, 36.5718

## Deuteranomaly

98.2480, -19.3493, 46.2635

## Tritanomaly

90.1640, -18.3219, 90.1872

# Monochromacy



## Original Color

90.5430, -13.0857, 90.7318

## Achromatopsia

91.0000, 0.0000, 0.0000

## Achromatomaly

90.9440, -4.9024, 32.4981

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 90.5430, -13.0857, 90.7318 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(194, 43, 64)` looks like.

```
.text, #text, p{  
    color:rgb(194, 43, 64)  
}
```

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(194, 43, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 43, 64) }
```

## Border

The CSS property to change the border of an element to YUV 90.5430, -13.0857, 90.7318 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(194, 43, 64) }
```



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

```
.border{ border-color:rgb(194, 43, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 43, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 43, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 43, 64);  
box-shadow:4px 4px 4px 4px rgb(194, 43,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 90.5430, -13.0857, 90.7318 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 43, 64) }
```

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

```
.background{ background-color: rgb(194, 43,  
64) }
```

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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