

# Converting Colors

YUV(73.8640, -13.2440,  
94.8353)

Have a look what the booklet for  
YUV(73.8640, -13.2440, 94.8353)  
contains.

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# Color

**YUV(73.8640, -13.2440,  
94.8353)**

# Conversions

Conversions Part 1	
Format	Color
Hex	B6182F
RGB	182, 24, 47
RGB Percent	71%, 9%, 18%
CMY	0.2863, 0.9059, 0.8157
CMYK	0.00, 0.87, 0.74, 0.29
HSL	351°, 77%, 40%
HSV	351°, 87%, 71%
XYZ	20.1311, 10.8036, 3.7136
YIQ	73.8640, 86.7850, 40.6490

# Conversions

## Conversions Part 2

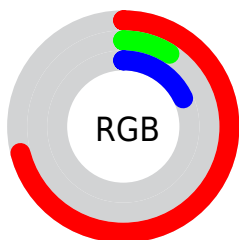
Format	Color
<a href="#">RYB</a>	<a href="#">182, 24, 47</a>
Decimal	<a href="#">11933743</a>
CIELab	<a href="#">39.25, 59.91, 30.39</a>
CIELCh	<a href="#">39, 67.177, 26.902</a>
Yxy	<a href="#">10.8036, 0.5810, 0.3118</a>
Android (android.graphics.Color)	<a href="#">4290123823</a> (0xFFB6182F)
YUV	<a href="#">73.8640, -13.2440, 94.8353</a>
Hunter-Lab	<a href="#">32.8688, 51.8053, 16.3094</a>

# Details

The YUV color **73.8640, -13.2440, 94.8353** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **132.1360, 13.2440, -94.8353**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.1000, -21.2483, 95.5053**, and **36.2930, -17.3994, 74.2880** is the 20% darker color. If you saturate the color by 10%, you get **61.4740, -15.0237, 105.7013**, and if you desaturate by 10%, it is **86.2540, -11.4642, 83.9692**.

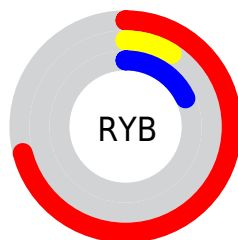
# Distribution



Red (71%)

Green (9%)

Blue (18%)



Red (71%)

Yellow (9%)

Blue (18%)

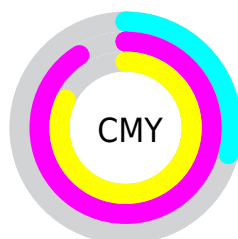


Cyan (0%)

Magenta (87%)

Yellow (74%)

Black (29%)



Cyan (29%)

Magenta (91%)

Yellow (82%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 73.8640, -13.2440, 94.8353 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 73.8640, -13.2440, 94.8353 by changing the saturation by 10% instead.





 73.8640, -13.2440,  
94.8353

 73.8640, -13.2440,  
94.8353


255.0000, 0.0000,  
0.0000

 48.1130, -10.9017,  
90.2319


 136.1000,  
-21.2483, 95.5053


 36.2930, -17.3994,  
74.2880


 158.3760,  
-19.9054, 84.7392

 26.9100, -13.2666,  
55.3299


 177.6620,  
-17.0884, 67.8254

 18.8800, -7.8288,  
37.8162

 197.7630,  
-13.6872, 50.1968

 8.1870, -3.5432,  
16.4990

 217.8640,  
-10.2860, 32.5683

 0.0000, 0.0000,  
0.0000

 238.0790, -6.4479,

14.8397

254.8860, -0.4368,  
0.1000

■ 73.8640, -13.2440,  
94.8353

■ 73.8640, -13.2440,  
94.8353

■ 61.4740, -15.0237,  
105.7013

■ 86.2540, -11.4642,  
83.9692


■ 57.3820, -15.4713,  
109.2900

■ 98.5300, -10.1213,  
73.2032


■ 111.5070, -8.6310,  
61.8224


■ 123.7830, -7.2880,  
51.0563

■ 136.1730, -5.5083,  
40.1903

 148.4490, -4.1654,  
29.4242

 160.8390, -2.3856,  
18.5582

 173.7020, -1.3321,  
7.2773

 186.0920, 0.4476,  
-3.5887

# Harmonies

## Analogous

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



65.9320, 17.2885, 101.7916



73.8640, -13.2440, 94.8353



84.2230, -41.5219, 64.7024

# Triad

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



73.8640, -13.2440, 94.8353



67.8930, -21.6392, -59.5422



83.0160, 59.1521, -72.8050

# Complementary

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



73.8640, -13.2440, 94.8353



132.1360, 13.2440, -94.8353

# 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.



86.7200, 47.9590, -76.0534



73.8640, -13.2440, 94.8353



77.1950, 3.8479, -67.7000

# Square

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



73.8640, -13.2440, 94.8353



79.8960, -39.3887, -13.0638



83.5790, 28.3086, -73.2988



89.0660, 50.2535, -18.4749



# Rectangle

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



73.8640, -13.2440, 94.8353



87.3140, -43.0458, 40.0666



83.5790, 28.3086, -73.2988



85.0220, 56.6842, -74.5643

# Sweetspot

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



73.8640, -13.2440, 94.8353



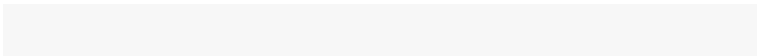
194.5640, -5.2081, 37.2164



82.0780, 49.2615, 66.5836



94.6330, -3.2701, 22.2469



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



73.8640, -13.2440, 94.8353



74.8530, -19.6475, 142.2029



103.5270, -39.2068, 68.8208



85.8050, -0.8899, 5.4330



49.2660, -12.9491, 93.6057



8.8280, -2.3802, 16.8138



# Inverse Universe

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



73.8640, -13.2440, 94.8353



74.8530, -19.6475, 142.2029



102.4730, 39.2068, -68.8208



85.8050, -0.8899, 5.4330



49.2660, -12.9491, 93.6057



8.8280, -2.3802, 16.8138



# Previews

## White Background



This preview shows how the YUV color 73.8640, -13.2440, 94.8353 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 73.8640, -13.2440, 94.8353 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 73.8640, -13.2440, 94.8353

## Background



This preview shows how black text looks on a background with the YUV color 73.8640, -13.2440, 94.8353.



This preview shows how white text looks on a background with the YUV color 73.8640, -13.2440,



# 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

73.8640, -13.2440, 94.8353

### Protanopia

93.2430, -11.9518, 6.8029

### Deuteranopia

91.4440, -26.8409, 22.4126



## Tritanopia

74.5190, -23.4269, 94.2608

# Trichromacy



**Original Color**  
73.8640, -13.2440, 94.8353

**Protanomaly**  
86.3270, -12.4862, 38.3012

**Deuteranomaly**  
84.9880, -21.6861, 49.1225

**Tritanomaly**  
74.1430, -19.7905, 94.5906

# Monochromacy



**Original Color**  
73.8640, -13.2440, 94.8353

**Achromatopsia**  
74.0000, 0.0000, 0.0000

**Achromatomaly**  
73.9550, -4.9078, 34.2425

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.8640, -13.2440, 94.8353 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(182, 24, 47)` looks like.

```
.text, #text, p{  
    color:rgb(182, 24, 47)  
}
```

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(182, 24, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 24, 47) }
```

## Border

The CSS property to change the border of an element to YUV 73.8640, -13.2440, 94.8353 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(182, 24, 47) }
```



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

```
.border{ border-color:rgb(182, 24, 47) }
```

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

Here you see how a box with a 4 pixel rgb(182, 24, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 24, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 24, 47);  
box-shadow:4px 4px 4px 4px rgb(182, 24,  
47) }
```

# Background

The CSS property to change the background color of an element to YUV 73.8640, -13.2440, 94.8353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 24, 47) }
```

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

```
.background{ background-color: rgb(182, 24,  
47) }
```

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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