

# Converting Colors

YUV(73.1020, -17.3053,  
137.5995)

Have a look what the booklet for  
YUV(73.1020, -17.3053, 137.5995)  
contains.

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# Color

**YUV(73.1020, -17.3053,  
137.5995)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E60026
RGB	230, 0, 38
RGB Percent	90%, 0%, 15%
CMY	0.0980, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.83, 0.10
HSL	350°, 100%, 45%
HSV	350°, 100%, 90%
XYZ	32.9830, 16.9629, 3.3695
YIQ	73.1020, 124.8820, 60.5780

# Conversions

## Conversions Part 2

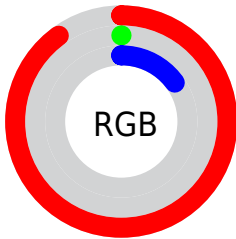
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	230, 0, 38
Decimal	15073318
CIE <sub>Lab</sub>	48.21, 74.58, 47.92
CIE <sub>LCh</sub>	48, 88.649, 32.723
Yxy	16.9629, 0.6186, 0.3182
Android (android.graphics.Color)	4293263398 (0xFFE60026)
YUV	73.1020, -17.3053, 137.5995
Hunter-Lab	41.1861, 70.8722, 23.9797

# Details

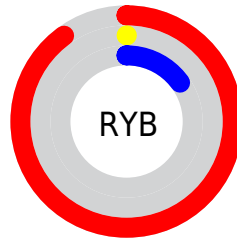
The YUV color **73.1020, -17.3053, 137.5995** is a dark color, and the websafe version is hex **FF3333**, and the color name is **spanish red**. The color can be described as dark washed red. A complement of this color would be **156.8980, 17.3053, -137.5995**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.3520, -26.7955, 101.4233**, and **49.3350, -24.3222, 101.4382** is the 20% darker color. If you saturate the color by 10%, you get **73.1020, -17.3053, 137.5995**, and if you desaturate by 10%, it is **88.7690, -15.6621, 123.8596**.

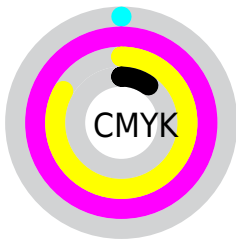
# Distribution



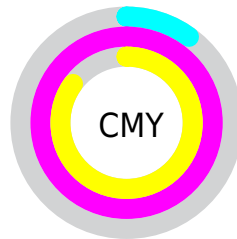
- Red (90%)
- Green (0%)
- Blue (15%)



- Red (90%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (10%)



- Cyan (10%)
- Magenta (100%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.1020, -17.3053, 137.5995 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 73.1020, -17.3053, 137.5995 by changing the saturation by 10% instead.



■ 73.1020, -17.3053,  
137.5995

■ 73.1020, -17.3053,  
137.5995

255.0000, 0.0000,  
0.0000

■ 60.7270, -22.0504,  
119.5114

■ 139.3520,  
-26.7955, 101.4233

■ 49.3350, -24.3222,  
101.4382

■ 160.2850,  
-25.2835, 83.0651

■ 39.4680, -19.4577,  
81.1506

■ 180.8590,  
-22.6085, 65.0217

■ 30.1280, -13.8671,  
61.2777

■ 201.4330,  
-19.9335, 46.9783

■ 21.2720, -9.0081,  
42.7345

■ 222.2350,  
-16.3849, 28.7349

■ 11.1770, -5.0173,  
22.6468

■ 243.0370,

■ 0.0000, 0.0000,

-12.8362, 10.4916

0.0000

253.8600, -4.3680,  
0.9998

73.1020, -17.3053,  
137.5995

88.7690, -15.6621,  
123.8596

104.4360,  
-14.0189, 110.1196

120.2170,  
-11.9390, 96.2797

135.8840,  
-10.2958, 82.5397

151.5510, -8.6526,  
68.7998

■ 167.2180, -7.0095,  
55.0598

■ 182.8850, -5.3663,  
41.3199

■ 198.6660, -3.2863,  
27.4799

■ 214.3330, -1.6432,  
13.7400

# Harmonies

## Analogous

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



83.8160, 13.4017, 135.2194



73.1020, -17.3053, 137.5995



104.9550, -51.7428, 76.3385

# Triad

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



73.1020, -17.3053, 137.5995



86.3980, -24.3532, -75.7710



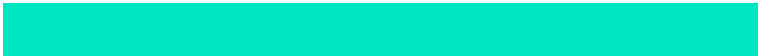
101.2710, 75.7884, -88.8147

# Complementary

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



73.1020, -17.3053, 137.5995



156.8980, 17.3053, -137.5995

# 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.



109.9790, 68.5374, -96.4516



73.1020, -17.3053, 137.5995



98.2080, 10.7435, -86.1284

# Square

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



73.1020, -17.3053, 137.5995



92.4340, -45.5700, -37.2146



106.7580, 43.5033, -93.6268



112.8240, 64.1768, -4.2306



# Rectangle

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



73.1020, -17.3053, 137.5995



107.9800, -53.2341, 41.2365



106.7580, 43.5033, -93.6268



105.3800, 73.7627, -92.4183

# Sweetspot

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



73.1020, -17.3053, 137.5995



203.0920, -5.9614, 45.5233



83.6280, 72.1614, 95.0422



96.5520, -3.7231, 27.5799



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.



73.1020, -17.3053, 137.5995



81.0330, -19.2433, 152.5691



113.9690, -56.1867, 101.7592



106.8160, -0.8953, 7.1774



56.8270, -13.7187, 107.1457



16.1610, -4.0234, 30.5538



# Inverse Universe

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



73.1020, -17.3053, 137.5995



81.0330, -19.2433, 152.5691



116.0310, 56.1867, -101.7592



106.8160, -0.8953, 7.1774



56.8270, -13.7187, 107.1457



16.1610, -4.0234, 30.5538



# Previews

## White Background



This preview shows how the YUV color 73.1020, -17.3053, 137.5995 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 73.1020, -17.3053, 137.5995 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 73.1020, -17.3053, 137.5995

## Background



This preview shows how black text looks on a background with the YUV color 73.1020, -17.3053, 137.5995.



This preview shows how white text looks on a background with the YUV color 73.1020, -17.3053,



# 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

73.1020, -17.3053, 137.5995

### Protanopia

113.3180, -25.7928, 12.8761

### Deuteranopia

109.8910, -48.2603, 32.5446



## Tritanopia

80.7980, -39.8334, 129.9732

# Trichromacy



## Original Color

73.1020, -17.3053, 137.5995

## Protanomaly

98.8150, -22.5868, 58.0442

## Deuteranomaly

96.4070, -37.1757, 70.6801

## Tritanomaly

77.6980, -31.4031, 132.6919

# Monochromacy



## Original Color

73.1020, -17.3053, 137.5995

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.7120, -6.2670, 50.2416

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.1020, -17.3053, 137.5995 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(230, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(230, 0, 38)  
}
```

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(230, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 0, 38) }
```

## Border

The CSS property to change the border of an element to YUV 73.1020, -17.3053, 137.5995 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(230, 0, 38) }
```



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

```
.border{ border-color:rgb(230, 0, 38) }
```

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

Here you see how a box with a 4 pixel rgb(230, 0, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(230, 0, 38)  
}
```

# Background

The CSS property to change the background color of an element to YUV 73.1020, -17.3053, 137.5995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 0, 38) }
```

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

```
.background{ background-color: rgb(230, 0,  
38) }
```

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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