

Converting Colors

YUV(75.7090, -11.1955,
137.9442)

Have a look what the booklet for
YUV(75.7090, -11.1955, 137.9442)
contains.

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Color

**YUV(75.7090, -11.1955,
137.9442)**

Conversions

Conversions Part 1

Format	Color
Hex	E90035
RGB	233, 0, 53
RGB Percent	91%, 0%, 21%
CMY	0.0863, 1.0000, 0.7922
CMYK	0.00, 1.00, 0.77, 0.09
HSL	346°, 100%, 46%
HSV	346°, 100%, 91%
XYZ	34.2469, 17.5807, 4.9566
YIQ	75.7090, 121.8550, 65.8790

Conversions

Conversions Part 2

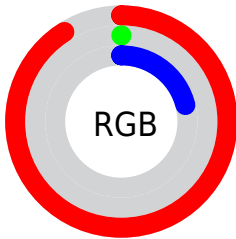
Format	Color
R_{YB}	233, 0, 53
Decimal	15269941
CIE Lab	48.98, 75.69, 40.63
CIE LCh	49, 85.907, 28.225
Yxy	17.5807, 0.6031, 0.3096
Android (android.graphics.Color)	4293460021 (0xFFE90035)
YUV	75.7090, -11.1955, 137.9442
Hunter-Lab	41.9293, 72.4183, 22.3417

Details

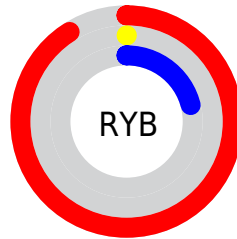
The YUV color **75.7090, -11.1955, 137.9442** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **157.2910, 11.1955, -137.9442**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.6490, -20.5330, 99.4088**, and **51.4860, -19.9596, 102.1828** is the 20% darker color. If you saturate the color by 10%, you get **75.7090, -11.1955, 137.9442**, and if you desaturate by 10%, it is **91.2620, -9.9892, 124.3042**.

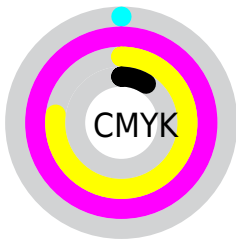
Distribution



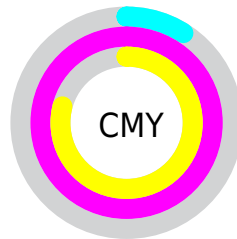
- Red (91%)
- Green (0%)
- Blue (21%)



- Red (91%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (77%)
- Black (9%)





- Cyan (9%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.7090, -11.1955, 137.9442 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 75.7090, -11.1955, 137.9442 by changing the saturation by 10% instead.


 75.7090, -11.1955,
137.9442


 75.7090, -11.1955,
137.9442


255.0000, 0.0000,
0.0000


 63.4480, -15.5039,
119.7561


 141.6490,
-20.5330, 99.4088

 51.4860, -19.9596,
102.1828


 162.6960,
-18.5841, 80.9506

 40.3650, -19.8999,
82.9949


 183.2700,
-15.9091, 62.9072

 31.0250, -14.3093,
63.1221

 203.9580,
-12.7973, 44.7638

 22.5820, -9.1609,
45.0936

 224.6460, -9.6855,
26.6205

 12.3730, -5.6069,
25.1059

 246.0350, -6.4263,

 0.0000, 0.0000,

7.8623

0.0000

■ 75.7090, -11.1955,
137.9442

■ 91.2620, -9.9892,
124.3042

■ 107.4020, -9.0722,
110.1494

■ 122.9550, -7.8658,
96.5095

■ 138.5080, -6.6594,
82.8695

■ 154.6480, -5.7425,
68.7147

■ 170.2010, -4.5361,
55.0747

■ 185.7540, -3.3297,
41.4347

■ 201.3070, -2.1234,
27.7948

■ 217.4470, -1.2064,
13.6400

Harmonies

Analogous

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



84.7000, 19.3749, 132.6901



75.7090, -11.1955, 137.9442



105.2870, -51.9065, 82.1863

Triad

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



75.7090, -11.1955, 137.9442



85.8450, -29.0106, -75.2861



104.2060, 74.3414, -91.3887

Complementary

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



75.7090, -11.1955, 137.9442



157.2910, 11.1955, -137.9442

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.



110.8280, 64.1748, -97.1962



75.7090, -11.1955, 137.9442



97.6550, 6.0861, -85.6434

Square

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



75.7090, -11.1955, 137.9442



99.0120, -48.8129, -23.6895



106.6780, 38.1197, -93.5566



111.9850, 66.5624, -22.7888

Rectangle

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



75.7090, -11.1955, 137.9442



110.0950, -54.2768, 49.0287



106.6780, 38.1197, -93.5566



107.7280, 72.6051, -94.4775

Sweetspot

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



75.7090, -11.1955, 137.9442



203.6620, -3.7774, 45.0234



80.0830, 75.3881, 86.7502



96.8940, -2.4127, 27.2800



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.



75.7090, -11.1955, 137.9442



82.8570, -12.2545, 150.9694



106.0610, -52.2881, 111.3255



109.5170, -0.7479, 6.5626



58.7930, -8.7719, 107.1755



17.5140, -2.7184, 31.9982

Inverse Universe

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



75.7090, -11.1955, 137.9442



82.8570, -12.2545, 150.9694



126.9390, 52.2881, -111.3255



109.5170, -0.7479, 6.5626



58.7930, -8.7719, 107.1755



17.5140, -2.7184, 31.9982

Previews

White Background



This preview shows how the YUV color 75.7090, -11.1955, 137.9442 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 75.7090, -11.1955, 137.9442 looks on a black 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

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

YUV 75.7090, -11.1955, 137.9442

Background



This preview shows how black text looks on a background with the YUV color 75.7090, -11.1955, 137.9442.



This preview shows how white text looks on a background with the YUV color 75.7090, -11.1955,

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

75.7090, -11.1955, 137.9442

Protanopia

116.7720, -17.6356, 9.8470

Deuteranopia

114.3280, -37.6297, 29.5303



Tritanopia

83.5360, -35.7602, 130.2029

Trichromacy



Original Color

75.7090, -11.1955, 137.9442

Protanomaly

101.7530, -15.1612, 56.3446

Deuteranomaly

100.1000, -28.1503, 69.1953

Tritanomaly

80.5500, -26.8931, 132.8216

Monochromacy



Original Color

75.7090, -11.1955, 137.9442

Achromatopsia

76.0000, 0.0000, 0.0000

Achromatomaly

75.6950, -3.7936, 50.2565

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.7090, -11.1955, 137.9442 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(233, 0, 53)` looks like.

```
.text, #text, p{  
    color:rgb(233, 0, 53)  
}
```

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(233, 0, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 0, 53) }
```

Border

The CSS property to change the border of an element to YUV 75.7090, -11.1955, 137.9442 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(233, 0, 53) }
```


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

```
.border{ border-color:rgb(233, 0, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 0, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 0, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 0, 53);  
box-shadow:4px 4px 4px 4px rgb(233, 0, 53)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.7090, -11.1955, 137.9442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 0, 53) }
```

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

```
.background{ background-color: rgb(233, 0,  
53) }
```

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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