

Converting Colors

YUV(75.1950, -18.3371,
141.9030)

Have a look what the booklet for
YUV(75.1950, -18.3371, 141.9030)
contains.

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Color

**YUV(75.1950, -18.3371,
141.9030)**

Conversions

Conversions Part 1

Format	Color
Hex	ED0026
RGB	237, 0, 38
RGB Percent	93%, 0%, 15%
CMY	0.0706, 1.0000, 0.8510
CMYK	0.00, 1.00, 0.84, 0.07
HSL	350°, 100%, 46%
HSV	350°, 100%, 93%
XYZ	35.2749, 18.1445, 3.4768
YIQ	75.1950, 129.0540, 62.0620

Conversions

Conversions Part 2

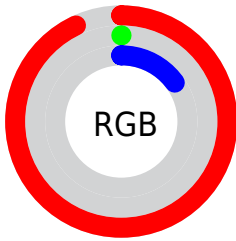
Format	Color
RYB	237, 0, 38
Decimal	15532070
CIELab	49.67, 76.25, 49.78
CIELCh	50, 91.062, 33.135
Yxy	18.1445, 0.6200, 0.3189
Android (android.graphics.Color)	4293722150 (0xFFED0026)
YUV	75.1950, -18.3371, 141.9030
Hunter-Lab	42.5963, 73.2760, 24.9781

Details

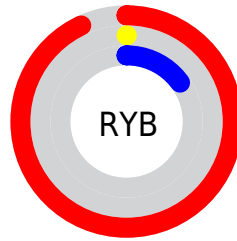
The YUV color **75.1950, -18.3371, 141.9030** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark washed red. A complement of this color would be **161.8050, 18.3371, -141.9030**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.5260, -27.3743, 100.3937**, and **51.1290, -25.2066, 105.1269** is the 20% darker color. If you saturate the color by 10%, you get **75.1950, -18.3371, 141.9030**, and if you desaturate by 10%, it is **91.5630, -16.5466, 127.5482**.

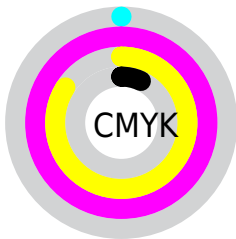
Distribution



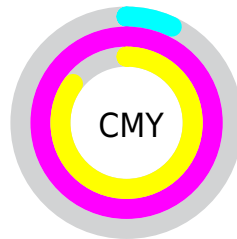
- Red (93%)
- Green (0%)
- Blue (15%)



- Red (93%)
- Yellow (0%)
- Blue (15%)



- Cyan (0%)
- Magenta (100%)
- Yellow (84%)
- Black (7%)





- Cyan (7%)
- Magenta (100%)
- Yellow (85%)

Brightness & Saturation Gradients


These gradients show how the YUV color 75.1950, -18.3371, 141.9030 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 75.1950, -18.3371, 141.9030 by changing the saturation by 10% instead.


 75.1950, -18.3371,
141.9030


 75.1950, -18.3371,
141.9030


255.0000, 0.0000,
0.0000


 62.8200, -23.0823,
123.8149


 140.5260,
-27.3743, 100.3937


 51.1290, -25.2066,
105.1269


 161.5730,
-25.4255, 81.9355


 41.2620, -20.3422,
84.8392


 182.0330,
-23.1873, 63.9921

 31.9220, -14.7515,
64.9664

 202.7210,
-20.0755, 45.8487

 23.4790, -9.6031,
46.9379

 223.4090,
-16.9636, 27.7053

 13.2700, -6.0491,
26.9502

 244.2110,

 0.0000, 0.0000,

-13.4150, 9.4620

0.0000

253.9740, -3.9312,
0.8998

75.1950, -18.3371,
141.9030

91.5630, -16.5466,
127.5482

107.3440,
-14.4666, 113.7083

123.7120,
-12.6760, 99.3536

140.0800,
-10.8854, 84.9988

155.8610, -8.8055,
71.1589

■ 172.1150, -7.4517,
56.9041

■ 188.4830, -5.6611,
42.5494

■ 204.8510, -3.8705,
28.1947

■ 220.6320, -1.7906,
14.3547

Harmonies

Analogous

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



86.5500, 13.5329, 139.8376



75.1950, -18.3371, 141.9030



108.2110, -53.3480, 77.8680

Triad

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



75.1950, -18.3371, 141.9030



89.5610, -24.9266, -78.5450



103.6190, 74.6308, -90.8739

Complementary

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



75.1950, -18.3371, 141.9030



161.8050, 18.3371, -141.9030

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.



113.5980, 69.7112, -99.6254



75.1950, -18.3371, 141.9030



101.1260, 11.7699, -88.6875

Square

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



75.1950, -18.3371, 141.9030



94.4830, -46.5801, -39.8886



110.4910, 45.1139, -96.9006



116.5900, 65.7711, -2.2714

Rectangle

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



75.1950, -18.3371, 141.9030



111.5240, -54.9813, 41.6365



110.4910, 45.1139, -96.9006



107.7280, 72.6051, -94.4775

Sweetspot

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



75.1950, -18.3371, 141.9030



203.0920, -5.9614, 45.5233



86.2200, 74.3345, 98.0311



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.



75.1950, -18.3371, 141.9030



80.9190, -19.6801, 152.6690



117.2360, -57.7973, 105.0330



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Inverse Universe

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



75.1950, -18.3371, 141.9030



80.9190, -19.6801, 152.6690



119.7640, 57.7973, -105.0330



109.4030, -1.1847, 6.6626



57.4250, -14.0135, 108.3753



17.1720, -4.0288, 32.2982

Previews

White Background



This preview shows how the YUV color 75.1950, -18.3371, 141.9030 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 75.1950, -18.3371, 141.9030 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 75.1950, -18.3371, 141.9030

Background



This preview shows how black text looks on a background with the YUV color 75.1950, -18.3371, 141.9030.



This preview shows how white text looks on a background with the YUV color 75.1950, -18.3371,

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

75.1950, -18.3371, 141.9030

Protanopia

116.8620, -27.5400, 13.2760

Deuteranopia

113.0500, -52.7756, 34.1592



Tritanopia

82.8910, -40.8653, 134.2766

Trichromacy



Original Color

75.1950, -18.3371, 141.9030

Protanomaly

101.4840, -23.9026, 60.0885

Deuteranomaly

99.6200, -40.2387, 73.1243

Tritanomaly

79.7910, -32.4350, 136.9953

Monochromacy



Original Color

75.1950, -18.3371, 141.9030

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.3100, -6.5618, 51.4711

CSS Examples

Text

The CSS property to change the color of the text to YUV 75.1950, -18.3371, 141.9030 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(237, 0, 38)` looks like.

```
.text, #text, p{  
    color:rgb(237, 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(237, 0, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 0, 38) }
```

Border

The CSS property to change the border of an element to YUV 75.1950, -18.3371, 141.9030 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(237, 0, 38) }
```


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

```
.border{ border-color:rgb(237, 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(237, 0, 38)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 0, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 0, 38);  
box-shadow:4px 4px 4px 4px rgb(237, 0, 38)  
}
```

Background

The CSS property to change the background color of an element to YUV 75.1950, -18.3371, 141.9030 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 0, 38) }
```

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

```
.background{ background-color: rgb(237, 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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