

Converting Colors

YUV(71.7490, -18.6103,
136.1551)

Have a look what the booklet for
YUV(71.7490, -18.6103, 136.1551)
contains.

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Color

**YUV(71.7490, -18.6103,
136.1551)**

Conversions

Conversions Part 1

Format	Color
Hex	E30022
RGB	227, 0, 34
RGB Percent	89%, 0%, 13%
CMY	0.1098, 1.0000, 0.8667
CMYK	0.00, 1.00, 0.85, 0.11
HSL	351°, 100%, 45%
HSV	351°, 100%, 89%
XYZ	31.9673, 16.4464, 3.0030
YIQ	71.7490, 124.3780, 58.6980

Conversions

Conversions Part 2

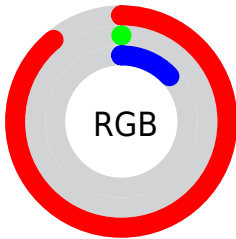
Format	Color
R_{YB}	227, 0, 34
Decimal	14876706
CIE _{Lab}	47.55, 73.77, 49.15
CIE _{LCh}	48, 88.648, 33.673
Yxy	16.4464, 0.6217, 0.3199
Android (android.graphics.Color)	4293066786 (0xFFE30022)
YUV	71.7490, -18.6103, 136.1551
Hunter-Lab	40.5541, 69.7350, 23.9976

Details

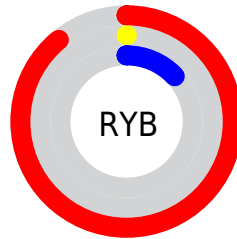
The YUV color **71.7490, -18.6103, 136.1551** is a dark color, and the websafe version is hex **FF3333**, and the color name is **cadmium red**. The color can be described as dark washed red. A complement of this color would be **155.2510, 18.6103, -136.1551**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.8960, -28.5427, 101.8232**, and **48.4380, -23.8799, 99.5939** is the 20% darker color. If you saturate the color by 10%, you get **71.7490, -18.6103, 136.1551**, and if you desaturate by 10%, it is **87.4160, -16.9671, 122.4152**.

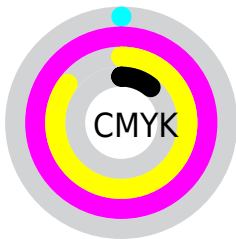
Distribution



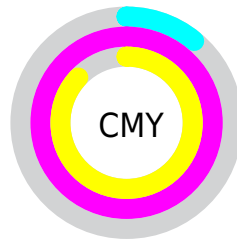
- Red (89%)
- Green (0%)
- Blue (13%)



- Red (89%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (85%)
- Black (11%)





- Cyan (11%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 71.7490, -18.6103, 136.1551 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 71.7490, -18.6103, 136.1551 by changing the saturation by 10% instead.


 71.7490, -18.6103,
136.1551


 71.7490, -18.6103,
136.1551


255.0000, 0.0000,
0.0000


 59.2600, -23.7922,
118.1670


 138.8960,
-28.5427, 101.8232

 48.4380, -23.8799,
99.5939


 159.2420,
-26.7413, 83.9798


 38.5710, -19.0155,
79.3062


 179.8160,
-24.0663, 65.9364

 29.2310, -13.4249,
59.4334

 200.3900,
-21.3913, 47.8930

 20.3750, -8.5659,
40.8901

 221.0780,
-18.2795, 29.7496

 10.2800, -4.5750,
20.8024

 241.8800,

 0.0000, 0.0000,

-14.7308, 11.5062

0.0000

■ 253.4040, -6.1152,
1.3997

■ 71.7490, -18.6103,
136.1551

■ 87.4160, -16.9671,
122.4152

■ 102.6100,
-14.5977, 109.0900

■ 118.2770,
-12.9546, 95.3501

■ 133.9440,
-11.3114, 81.6101

■ 149.7250, -9.2314,
67.7702

■ 164.8050, -7.2989,
54.5450

■ 180.4720, -5.6557,
40.8051

■ 196.1390, -4.0125,
27.0651

■ 211.3330, -1.6432,
13.7400

Harmonies

Analogous

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



83.0610, 11.8019, 135.0045



71.7490, -18.6103, 136.1551



103.7590, -51.1532, 73.8794

Triad

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



71.7490, -18.6103, 136.1551



85.9250, -23.6270, -75.3562



100.0970, 76.3672, -87.7851

Complementary

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



71.7490, -18.6103, 136.1551



155.2510, 18.6103, -136.1551

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.



108.8050, 69.1161, -95.4220



71.7490, -18.6103, 136.1551



97.0340, 11.3222, -85.0988

Square

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



71.7490, -18.6103, 136.1551



89.1670, -43.9593, -40.4885



105.5840, 44.0821, -92.5972



111.6180, 63.2923, -0.5420

Rectangle

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



71.7490, -18.6103, 136.1551



106.7840, -52.6445, 38.7774



105.5840, 44.0821, -92.5972



104.2060, 74.3414, -91.3887

Sweetspot

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



71.7490, -18.6103, 136.1551



202.9780, -6.3982, 45.6233



83.5850, 70.7036, 95.9570



96.4380, -4.1599, 27.6799



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.



71.7490, -18.6103, 136.1551



80.5770, -20.9905, 152.9690



114.2460, -56.3233, 98.8853



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Inverse Universe

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



71.7490, -18.6103, 136.1551



80.5770, -20.9905, 152.9690



112.7540, 56.3233, -98.8853



106.8160, -0.8953, 7.1774



56.5990, -14.5923, 107.3457



16.1610, -4.0234, 30.5538

Previews

White Background



This preview shows how the YUV color 71.7490, -18.6103, 136.1551 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 71.7490, -18.6103, 136.1551 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 71.7490, -18.6103, 136.1551

Background



This preview shows how black text looks on a background with the YUV color 71.7490, -18.6103, 136.1551.



This preview shows how white text looks on a background with the YUV color 71.7490, -18.6103,

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

71.7490, -18.6103, 136.1551

Protanopia

111.8620, -27.5400, 13.2760

Deuteranopia

107.3380, -52.9176, 33.0296



Tritanopia

79.3140, -39.1018, 128.6436

Trichromacy



Original Color

71.7490, -18.6103, 136.1551

Protanomaly

97.0600, -24.1866, 57.8294

Deuteranomaly

94.1960, -40.5226, 70.8651

Tritanomaly

76.5730, -31.8345, 131.0475

Monochromacy



Original Color

71.7490, -18.6103, 136.1551

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

71.8860, -6.8458, 49.2120

CSS Examples

Text

The CSS property to change the color of the text to YUV 71.7490, -18.6103, 136.1551 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(227, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(227, 0, 34)  
}
```

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(227, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 0, 34) }
```

Border

The CSS property to change the border of an element to YUV 71.7490, -18.6103, 136.1551 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(227, 0, 34) }
```


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

```
.border{ border-color:rgb(227, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(227, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to YUV 71.7490, -18.6103, 136.1551 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 0, 34) }
```

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

```
.background{ background-color: rgb(227, 0,  
34) }
```

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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