

Converting Colors

YUV(74.8230, -27.5207,
147.4912)

Have a look what the booklet for
YUV(74.8230, -27.5207, 147.4912)
contains.

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Color

**YUV(74.8230, -27.5207,
147.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	F30013
RGB	243, 0, 19
RGB Percent	95%, 0%, 7%
CMY	0.0471, 1.0000, 0.9255
CMYK	0.00, 1.00, 0.92, 0.05
HSL	355°, 100%, 48%
HSV	355°, 100%, 95%
XYZ	37.0797, 19.1017, 2.3488
YIQ	74.8230, 138.7290, 57.4250

Conversions

Conversions Part 2

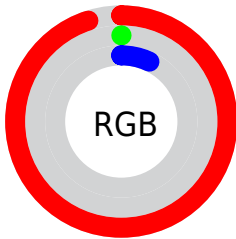
Format	Color
RYB	243, 0, 19
Decimal	15925267
CIELab	50.81, 77.39, 59.51
CIElCh	51, 97.622, 37.559
Yxy	19.1017, 0.6335, 0.3264
Android (android.graphics.Color)	4294115347 (0xFFFF30013)
YUV	74.8230, -27.5207, 147.4912
Hunter-Lab	43.7055, 74.9546, 27.4075

Details

The YUV color **74.8230, -27.5207, 147.4912** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **168.1770, 27.5207, -147.4912**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.2890, -34.6525, 101.4785**, and **52.6240, -25.9436, 108.2008** is the 20% darker color. If you saturate the color by 10%, you get **74.8230, -27.5207, 147.4912**, and if you desaturate by 10%, it is **91.4190, -24.8566, 132.9365**.

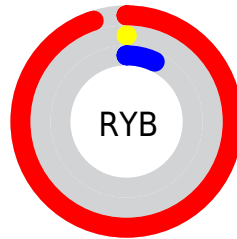
Distribution



Red (95%)

Green (0%)

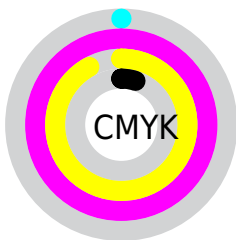
Blue (7%)



Red (95%)

Yellow (0%)

Blue (7%)

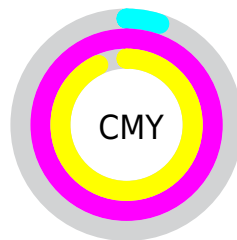


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (5%)



Cyan (5%)


Magenta (100%)


Yellow (93%)

Brightness & Saturation Gradients


These gradients show how the YUV color 74.8230, -27.5207, 147.4912 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 74.8230, -27.5207, 147.4912 by changing the saturation by 10% instead.


 74.8230, -27.5207,
147.4912


 74.8230, -27.5207,
147.4912


255.0000, 0.0000,
0.0000

 62.4910, -30.8081,
128.4884


 139.2890,
-34.6525, 101.4785

 52.6240, -25.9436,
108.2008


 160.3360,
-32.7036, 83.0203


 42.7570, -21.0792,
87.9131


 180.7960,
-30.4654, 65.0769

 33.4170, -15.4886,
68.0403

 201.4840,
-27.3536, 46.9335

 24.6750, -10.1928,
49.3970

 222.7590,
-24.5312, 28.2754


 14.5800, -6.2019,
29.3093


 243.4470,


 0.0000, 0.0000,


-21.4194, 10.1320


0.0000


 252.0360,
-11.3567, 2.5994


 74.8230, -27.5207,
147.4912

 91.4190, -24.8566,
132.9365

 108.7160,
-22.0450, 117.7671

 125.3120,
-19.3808, 103.2124

 142.0220,
-16.2798, 88.5577

 158.6180,
-13.6157, 74.0030

■ 175.8010,
-11.2409, 58.9335

■ 192.5110, -8.1399,
44.2789

■ 209.1070, -5.4758,
29.7242

■ 226.4040, -2.6642,
14.5547

Harmonies

Analogous

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



88.1010, 7.8382, 146.3704



74.8230, -27.5207, 147.4912



112.0210, -55.2264, 73.6496

Triad

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



74.8230, -27.5207, 147.4912



93.7500, -21.5688, -82.2188



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.



74.8230, -27.5207, 147.4912



168.1770, 27.5207, -147.4912

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.



115.3590, 68.8430, -101.1698



74.8230, -27.5207, 147.4912



105.8850, 17.3117, -92.8611

Square

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



74.8230, -27.5207, 147.4912



83.3540, -41.0935, -73.1015



115.1190, 52.6923, -100.9594



119.6400, 66.7325, 16.1017

Rectangle

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



74.8230, -27.5207, 147.4912



113.8390, -56.1226, 34.3442



115.1190, 52.6923, -100.9594



108.9020, 72.0263, -95.5071

Sweetspot

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



74.8230, -27.5207, 147.4912



202.2940, -9.0189, 46.2232



94.3790, 73.2702, 112.8006



96.0960, -5.4703, 27.9798



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.



74.8230, -27.5207, 147.4912



78.5250, -28.8528, 154.7686



131.9440, -65.0484, 97.3961



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Inverse Universe

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



74.8230, -27.5207, 147.4912



78.5250, -28.8528, 154.7686



111.0560, 65.0484, -97.3961



113.7020, -1.3321, 7.2773



57.3240, -20.8657, 112.8489



18.2110, -6.5130, 35.7720

Previews

White Background



This preview shows how the YUV color 74.8230, -27.5207, 147.4912 looks on a white 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

Black Background



This preview shows how the YUV color 74.8230, -27.5207, 147.4912 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 74.8230, -27.5207, 147.4912

Background



This preview shows how black text looks on a background with the YUV color 74.8230, -27.5207, 147.4912.



This preview shows how white text looks on a background with the YUV color 74.8230, -27.5207,

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

74.8230, -27.5207, 147.4912

Protanopia

117.7240, -38.3179, 16.9051

Deuteranopia

114.4370, -56.4174, 35.5738



Tritanopia

84.9730, -41.8917, 136.8357

Trichromacy



Original Color

74.8230, -27.5207, 147.4912

Protanomaly

102.0580, -34.5386, 64.8471

Deuteranomaly

100.1490, -45.9225, 76.1683

Tritanomaly

81.3740, -36.6664, 140.8690

Monochromacy



Original Color

74.8230, -27.5207, 147.4912

Achromatopsia

75.0000, 0.0000, 0.0000

Achromatomaly

75.1100, -9.9142, 53.4005

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.8230, -27.5207, 147.4912 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(243, 0, 19)` looks like.

```
.text, #text, p{  
    color:rgb(243, 0, 19)  
}
```

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(243, 0, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 0, 19) }
```

Border

The CSS property to change the border of an element to YUV 74.8230, -27.5207, 147.4912 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(243, 0, 19) }
```


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

```
.border{ border-color:rgb(243, 0, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 0, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 0, 19); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 0, 19);  
box-shadow:4px 4px 4px 4px rgb(243, 0, 19)  
}
```

Background

The CSS property to change the background color of an element to YUV 74.8230, -27.5207, 147.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 0, 19) }
```

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

```
.background{ background-color: rgb(243, 0,  
19) }
```

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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