

Converting Colors

YUV(81.8530, -36.4095,
151.8499)

Have a look what the booklet for
YUV(81.8530, -36.4095, 151.8499)
contains.

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Color

**YUV(81.8530, -36.4095,
151.8499)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0808
RGB	255, 8, 8
RGB Percent	100%, 3%, 3%
CMY	0.0000, 0.9686, 0.9686
CMYK	0.00, 0.97, 0.97, 0.00
HSL	0°, 100%, 52%
HSV	0°, 97%, 100%
XYZ	41.3707, 21.4512, 2.1897
YIQ	81.8530, 147.2120, 52.3640

Conversions

Conversions Part 2

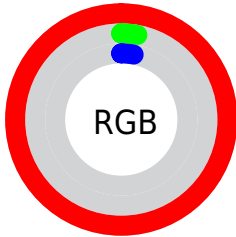
Format	Color
RYB	255, 8, 8
Decimal	16713736
CIELab	53.44, 79.62, 65.34
CIElCh	53, 102.993, 39.373
Yxy	21.4512, 0.6364, 0.3300
Android (android.graphics.Color)	4294903816 (0xFFFF0808)
YUV	81.8530, -36.4095, 151.8499
Hunter-Lab	46.3154, 78.3908, 29.6176

Details

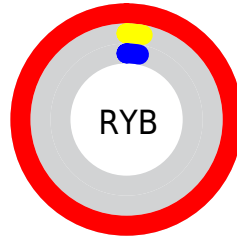
The YUV color **81.8530, -36.4095, 151.8499** is a dark color, and the websafe version is hex **FF0000**. The color can be described as dark saturated red. A complement of this color would be **181.1470, 36.4095, -151.8499**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **140.9530, -38.4308, 100.0192**, and **55.9130, -27.5651, 114.9633** is the 20% darker color. If you saturate the color by 10%, you get **76.2450, -37.5888, 156.7681**, and if you desaturate by 10%, it is **99.3780, -32.7244, 136.4805**.

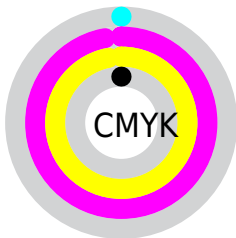
Distribution



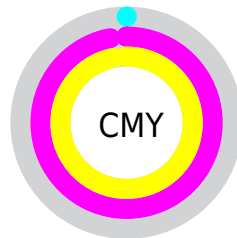
- Red (100%)
- Green (3%)
- Blue (3%)



- Red (100%)
- Yellow (3%)
- Blue (3%)



- Cyan (0%)
- Magenta (97%)
- Yellow (97%)
- Black (0%)





- Cyan (0%)
- Magenta (97%)
- Yellow (97%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.8530, -36.4095, 151.8499 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 81.8530, -36.4095, 151.8499 by changing the saturation by 10% instead.


 81.8530, -36.4095,
151.8499


 81.8530, -36.4095,
151.8499


254.7720, -0.8736,
0.2000


 66.0790, -32.5769,
135.8657


 140.9530,
-38.4308, 100.0192

 55.9130, -27.5651,
114.9633


 162.1140,
-36.0452, 81.4610


 46.0460, -22.7007,
94.6757

 183.1610,
-34.0964, 63.0028

 36.2930, -17.3994,
74.2880

 203.8490,
-30.9846, 44.8594

 27.3660, -11.5194,
54.9300

 224.5370,
-27.8727, 26.7161


 17.5700, -7.6760,
35.4571

 245.9260,


 5.6810, -2.8007,


-24.6135, 7.9579


11.6808


 251.4660,
-13.5407, 3.0993


 0.0000, 0.0000,
0.0000


 81.8530, -36.4095,
151.8499

 81.8530, -36.4095,
151.8499


 76.2450, -37.5888,
156.7681

 99.3780, -32.7244,
136.4805

 117.6040,
-28.8918, 120.4963

 135.8300,
-25.0592, 104.5121

 153.3550,
-21.3740, 89.1427

 171.5810,
-17.5414, 73.1585

189.1060,
-13.8563, 57.7890

207.3320,
-10.0237, 41.8048

224.8570, -6.3385,
26.4354

243.0830, -2.5059,
10.4512

Harmonies

Analogous

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



88.2150, 8.2750, 146.2704



81.8530, -36.4095, 151.8499



119.1090, -58.7207, 74.4494

Triad

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



81.8530, -36.4095, 151.8499



99.4720, -19.9527, -87.2369



106.5540, 73.1839, -93.4479

Complementary

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



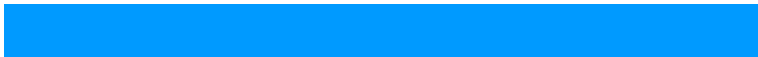
81.8530, -36.4095, 151.8499



181.1470, 36.4095, -151.8499

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.



119.4680, 66.8173, -104.7734



81.8530, -36.4095, 151.8499



112.6500, 20.3856, -98.7940

Square

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



81.8530, -36.4095, 151.8499



88.6370, -43.6980, -77.7346



122.4540, 57.9502, -107.3922



125.3100, 63.9372, 26.0381

Rectangle

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



81.8530, -36.4095, 151.8499



119.7310, -59.0274, 32.6849



122.4540, 57.9502, -107.3922



112.4240, 70.2900, -98.5958

Sweetspot

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



81.8530, -36.4095, 151.8499



203.1260, -10.9081, 45.4935



110.0110, 71.4796, 127.1554



96.4550, -6.6333, 27.6650



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.



81.8530, -36.4095, 151.8499



76.2450, -37.5888, 156.7681



154.6410, -72.2940, 88.0148



118.8870, -1.9163, 7.9921



57.1090, -28.1547, 117.4224



19.1360, -9.4340, 39.3457

Inverse Universe

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



181.1470, 36.4095, -151.8499



178.7550, 37.5888, -156.7681



108.9460, 72.0046, -88.5296



124.1130, 1.9163, -7.9921



133.8910, 28.1547, -117.4224



44.8640, 9.4340, -39.3457

Previews

White Background



This preview shows how the YUV color 81.8530, -36.4095, 151.8499 looks on a white background.

Color Contrast Check

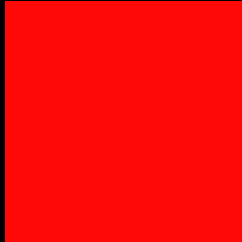
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.8530, -36.4095, 151.8499 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 81.8530, -36.4095, 151.8499

Background



This preview shows how black text looks on a background with the YUV color 81.8530, -36.4095, 151.8499.



This preview shows how white text looks on a background with the YUV color 81.8530, -36.4095,

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

81.8530, -36.4095, 151.8499

Protanopia

122.9540, -43.8543, 19.3343

Tritanopia

89.1480, -43.9500, 143.6982

Trichromacy



Original Color

81.8530, -36.4095, 151.8499

Protanomaly

108.0600, -40.9486, 67.4764

Tritanomaly

86.8540, -41.3400, 146.5870

Monochromacy



Original Color

81.8530, -36.4095, 151.8499

Achromatopsia

82.0000, 0.0000, 0.0000

Achromatomaly

81.9100, -13.2666, 55.3299

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.8530, -36.4095, 151.8499 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(255, 8, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 8, 8)  
}
```

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(255, 8, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 8, 8) }
```

Border

The CSS property to change the border of an element to YUV 81.8530, -36.4095, 151.8499 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(255, 8, 8) }
```

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

```
.border{ border-color:rgb(255, 8, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 8, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 8, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(255, 8, 8); box-shadow:4px  
4px 4px 4px rgb(255, 8, 8) }
```


Background

The CSS property to change the background color of an element to YUV 81.8530, -36.4095, 151.8499 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 8, 8) }
```

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

```
.background{ background-color: rgb(255, 8,  
8) }
```

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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