

Converting Colors

YUV(81.1470, -18.8065,
152.4691)

Have a look what the booklet for
YUV(81.1470, -18.8065, 152.4691)
contains.

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Color

**YUV(81.1470, -18.8065,
152.4691)**

Conversions

Conversions Part 1

Format	Color
Hex	FF002B
RGB	255, 0, 43
RGB Percent	100%, 0%, 17%
CMY	0.0000, 1.0000, 0.8314
CMYK	0.00, 1.00, 0.83, 0.00
HSL	350°, 100%, 50%
HSV	350°, 100%, 100%
XYZ	41.6760, 21.4344, 4.2262
YIQ	81.1470, 138.1770, 67.4330

Conversions

Conversions Part 2

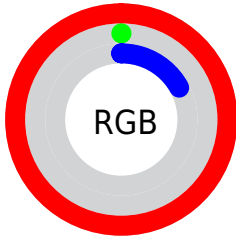
Format	Color
R_{YB}	255, 0, 43
Decimal	16711723
CIE Lab	53.42, 80.62, 51.98
CIE LCh	53, 95.927, 32.809
Yxy	21.4344, 0.6189, 0.3183
Android (android.graphics.Color)	4294901803 (0xFFFF002B)
YUV	81.1470, -18.8065, 152.4691
Hunter-Lab	46.2973, 79.6623, 26.9959

Details

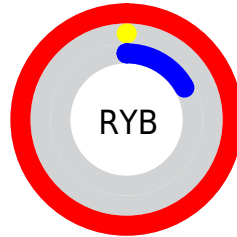
The YUV color **81.1470, -18.8065, 152.4691** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **173.8530, 18.8065, -152.4691**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.4440, -26.3479, 97.8346**, and **56.2120, -27.7125, 115.5781** is the 20% darker color. If you saturate the color by 10%, you get **81.1470, -18.8065, 152.4691**, and if you desaturate by 10%, it is **98.2160, -16.8685, 137.4996**.

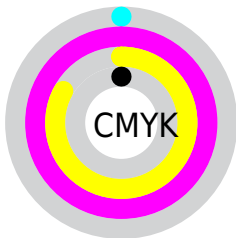
Distribution



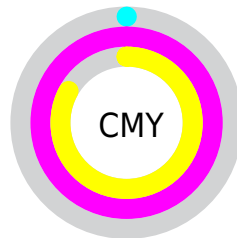
- Red (100%)
- Green (0%)
- Blue (17%)



- Red (100%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (83%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients


These gradients show how the YUV color 81.1470, -18.8065, 152.4691 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 81.1470, -18.8065, 152.4691 by changing the saturation by 10% instead.


 81.1470, -18.8065,
152.4691

 81.1470, -18.8065,
152.4691


255.0000, 0.0000,
0.0000

 68.4730, -23.4042,
133.7662


 143.4440,
-26.3479, 97.8346


 56.2120, -27.7125,
115.5781


 165.0780,
-24.6885, 78.8616


 46.3450, -22.8481,
95.2904


 185.6520,
-22.0134, 60.8182

 36.5920, -17.5469,
74.9028

 206.9270,
-19.1910, 42.1600

 27.6650, -11.6668,
55.5448

 227.6150,
-16.0792, 24.0166

 17.8690, -7.8234,
36.0719

 249.1180,

 6.2790, -3.0955,

-12.3832, 5.1585

12.9103

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 81.1470, -18.8065,
152.4691

■ 98.2160, -16.8685,
137.4996

■ 115.8720,
-15.2199, 122.0153

■ 133.6420,
-13.1345, 106.4310

■ 150.7110,
-11.1965, 91.4615

■ 168.3670, -9.5479,
75.9771

■ 185.4360, -7.6099,
61.0076

■ 203.0920, -5.9614,
45.5233

■ 220.2750, -3.5866,
30.4538

■ 237.9310, -1.9380,
14.9695

Harmonies

Analogous

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



90.3810, 16.5742, 144.3709



81.1470, -18.8065, 152.4691



117.1040, -57.7323, 84.1008

Triad

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



81.1470, -18.8065, 152.4691



96.3600, -26.7995, -84.5077



109.4890, 71.7369, -96.0219

Complementary

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



81.1470, -18.8065, 152.4691



173.8530, 18.8065, -152.4691

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.



120.0550, 66.5279, -105.2882



81.1470, -18.8065, 152.4691



109.1960, 12.2284, -95.7649

Square

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



81.1470, -18.8065, 152.4691



103.0330, -50.7953, -41.2479



118.5440, 48.0458, -103.9631



123.9490, 64.6081, -2.5863

Rectangle

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



81.1470, -18.8065, 152.4691



120.6940, -59.5021, 44.9954



118.5440, 48.0458, -103.9631



114.1850, 69.4218, -100.1402

Sweetspot

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



81.1470, -18.8065, 152.4691



203.0920, -5.9614, 45.5233



91.2620, 80.7228, 102.3792



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.



81.1470, -18.8065, 152.4691



123.7920, -61.0295, 115.0694



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460

Inverse Universe

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



81.1470, -18.8065, 152.4691



131.2080, 61.0295, -115.0694



119.1150, -1.0427, 7.7921



60.7570, -14.1772, 114.2231



20.3900, -4.6293, 38.2460

Previews

White Background



This preview shows how the YUV color 81.1470, -18.8065, 152.4691 looks on a white background.

Color Contrast Check

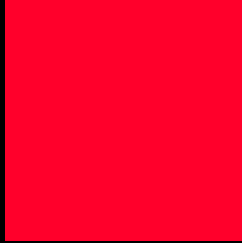
Large Text (above 18pt) WCAG AA ✓ Pass

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 81.1470, -18.8065, 152.4691 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 81.1470, -18.8065, 152.4691

Background



This preview shows how black text looks on a background with the YUV color 81.1470, -18.8065, 152.4691.



This preview shows how white text looks on a background with the YUV color 81.1470, -18.8065,

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

81.1470, -18.8065, 152.4691

Protanopia

126.0470, -28.1242, 13.9908

Deuteranopia

122.1750, -52.3443, 35.8035



Tritanopia

89.4470, -44.0974, 144.3130

Trichromacy



Original Color

81.1470, -18.8065, 152.4691

Protanomaly

109.6910, -24.4977, 64.2920

Deuteranomaly

107.3540, -40.1075, 77.7425

Tritanomaly

86.5750, -34.7935, 146.8317

Monochromacy



Original Color

81.1470, -18.8065, 152.4691

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.2180, -7.0095, 55.0598

CSS Examples

Text

The CSS property to change the color of the text to YUV 81.1470, -18.8065, 152.4691 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, 0, 43)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 43)  
}
```

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, 0, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 43) }
```

Border

The CSS property to change the border of an element to YUV 81.1470, -18.8065, 152.4691 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, 0, 43) }
```

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

```
.border{ border-color:rgb(255, 0, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 0, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 43);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 43)  
}
```

Background

The CSS property to change the background color of an element to YUV 81.1470, -18.8065, 152.4691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 0, 43) }
```

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

```
.background{ background-color: rgb(255, 0,  
43) }
```

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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