

Converting Colors

YUV(83.3340, -9.0387,
146.1661)

Have a look what the booklet for
YUV(83.3340, -9.0387, 146.1661)
contains.

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Color

**YUV(83.3340, -9.0387,
146.1661)**

Conversions

Conversions Part 1

Format	Color
Hex	FA0241
RGB	250, 2, 65
RGB Percent	98%, 1%, 25%
CMY	0.0196, 0.9922, 0.7451
CMYK	0.00, 0.99, 0.74, 0.02
HSL	345°, 98%, 49%
HSV	345°, 99%, 98%
XYZ	40.4002, 20.7491, 6.8767
YIQ	83.3340, 127.5850, 72.1690

Conversions

Conversions Part 2

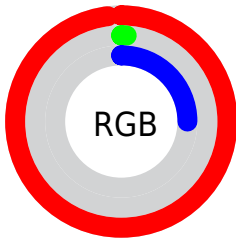
Format	Color
RYB	250, 2, 65
Decimal	16384577
CIELab	52.67, 79.93, 38.76
CIElCh	53, 88.832, 25.867
Yxy	20.7491, 0.5939, 0.3050
Android (android.graphics.Color)	4294574657 (0xFFFA0241)
YUV	83.3340, -9.0387, 146.1661
Hunter-Lab	45.5511, 78.6006, 22.9350

Details

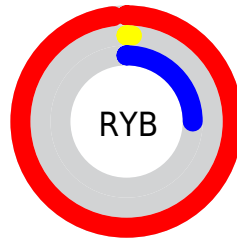
The YUV color **83.3340, -9.0387, 146.1661** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **168.6660, 9.0387, -146.1661**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.0660, -16.3015, 95.5351**, and **57.6380, -17.0765, 110.8195** is the 20% darker color. If you saturate the color by 10%, you get **82.0460, -8.8967, 147.2957**, and if you desaturate by 10%, it is **100.1750, -7.9743, 131.3965**.

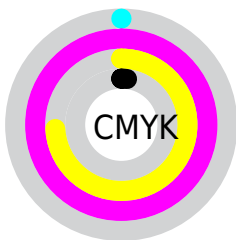
Distribution



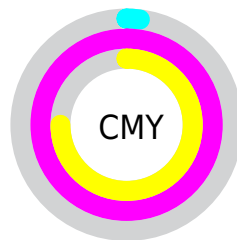
- Red (98%)
- Green (1%)
- Blue (25%)



- Red (98%)
- Yellow (1%)
- Blue (25%)



- Cyan (0%)
- Magenta (99%)
- Yellow (74%)
- Black (2%)





- Cyan (2%)
- Magenta (99%)
- Yellow (75%)

Brightness & Saturation Gradients


These gradients show how the YUV color 83.3340, -9.0387, 146.1661 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 83.3340, -9.0387, 146.1661 by changing the saturation by 10% instead.


 83.3340, -9.0387,
146.1661


 83.3340, -9.0387,
146.1661


255.0000, 0.0000,
0.0000

 69.7850, -13.2050,
129.1076


 146.0660,
-16.3015, 95.5351


 57.6380, -17.0765,
110.8195


 167.1130,
-14.3527, 77.0769

 45.4480, -22.4059,
93.4461


 188.3880,
-11.5303, 58.4187

 35.8090, -16.6678,
72.9585

 209.0760, -8.4185,
40.2753

 26.7680, -11.2246,
53.7005

 230.4650, -5.1592,
21.5172

 16.9720, -7.3812,
34.2276

 251.2670, -1.6106,

 3.8870, -1.9163,

3.2738

7.9921

■ 0.0000, 0.0000,
0.0000

■ 83.3340, -9.0387,
146.1661

■ 83.3340, -9.0387,
146.1661

■ 82.0460, -8.8967,
147.2957

■ 100.1750, -7.9743,
131.3965

■ 116.9020, -7.3467,
116.7269

■ 133.7430, -6.2823,
101.9574

■ 150.5840, -5.2179,
87.1878

■ 167.3110, -4.5903,
72.5183

■ 184.1520, -3.5259,
57.7487

■ 200.9930, -2.4615,
42.9791

■ 217.7200, -1.8340,
28.3096

■ 234.5610, -0.7696,
13.5400

Harmonies

Analogous

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



90.4110, 24.4474, 139.0826



83.3340, -9.0387, 146.1661



113.0170, -55.7174, 91.1931

Triad

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



83.3340, -9.0387, 146.1661



91.2590, -33.6517, -80.0341



111.2500, 70.8688, -97.5662

Complementary

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



83.3340, -9.0387, 146.1661



168.6660, 9.0387, -146.1661

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.



118.6530, 66.2331, -104.0587



83.3340, -9.0387, 146.1661



104.3400, 3.7764, -91.5062

Square

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



83.3340, -9.0387, 146.1661



108.4920, -53.4866, -17.9715



113.9330, 37.9940, -99.9192



116.9620, 68.0527, -34.1697

Rectangle

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



83.3340, -9.0387, 146.1661



118.4010, -58.3717, 55.7763



113.9330, 37.9940, -99.9192



114.7720, 69.1324, -100.6550

Sweetspot

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



83.3340, -9.0387, 146.1661



203.8900, -2.9038, 44.8235



84.6900, 81.4978, 87.0949



97.0080, -1.9759, 27.1800



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.



83.3340, -9.0387, 146.1661



83.6550, -9.1969, 150.2696



110.1980, -53.3416, 122.6064



116.3430, -0.1691, 7.5922



61.9830, -6.8936, 111.3939



20.0630, -2.0031, 35.9017

Inverse Universe

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



83.3340, -9.0387, 146.1661



83.6550, -9.1969, 150.2696



141.8020, 53.3416, -122.6064



116.3430, -0.1691, 7.5922



61.9830, -6.8936, 111.3939



20.0630, -2.0031, 35.9017

Previews

White Background



This preview shows how the YUV color 83.3340, -9.0387, 146.1661 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 83.3340, -9.0387, 146.1661 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 83.3340, -9.0387, 146.1661

Background



This preview shows how black text looks on a background with the YUV color 83.3340, -9.0387, 146.1661.



This preview shows how white text looks on a background with the YUV color 83.3340, -9.0387,

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

83.3340, -9.0387, 146.1661

Protanopia

126.3850, -13.9938, 8.4324

Deuteranopia

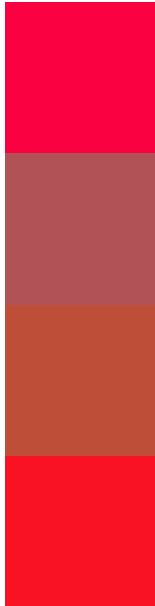
124.0830, -36.0299, 29.7452



Tritanopia

92.3520, -36.6555, 137.3803

Trichromacy



Original Color

83.3340, -9.0387, 146.1661

Protanomaly

110.8610, -12.2565, 58.0039

Deuteranomaly

109.2790, -26.2665, 71.6693

Tritanomaly

89.0070, -26.6255, 140.3139

Monochromacy



Original Color

83.3340, -9.0387, 146.1661

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.4180, -3.6571, 53.1304

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.3340, -9.0387, 146.1661 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(250, 2, 65)` looks like.

```
.text, #text, p{  
    color:rgb(250, 2, 65)  
}
```

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(250, 2, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 2, 65) }
```

Border

The CSS property to change the border of an element to YUV 83.3340, -9.0387, 146.1661 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(250, 2, 65) }
```


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

```
.border{ border-color:rgb(250, 2, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 2, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 2, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 2, 65);  
box-shadow:4px 4px 4px 4px rgb(250, 2, 65)  
}
```

Background

The CSS property to change the background color of an element to YUV 83.3340, -9.0387, 146.1661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 2, 65) }
```

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

```
.background{ background-color: rgb(250, 2,  
65) }
```

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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