

Converting Colors

YUV(85.9690, -5.4077,
148.2402)

Have a look what the booklet for
YUV(85.9690, -5.4077, 148.2402)
contains.

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Color

**YUV(85.9690, -5.4077,
148.2402)**

Conversions

Conversions Part 1

Format	Color
Hex	FF024B
RGB	255, 2, 75
RGB Percent	100%, 1%, 29%
CMY	0.0000, 0.9922, 0.7059
CMYK	0.00, 0.99, 0.71, 0.00
HSL	343°, 100%, 50%
HSV	343°, 99%, 100%
XYZ	42.5317, 21.8114, 8.6250
YIQ	85.9690, 127.3550, 76.3390

Conversions

Conversions Part 2

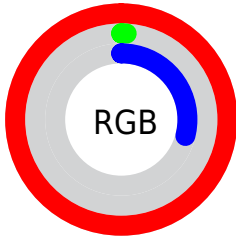
Format	Color
R_{YB}	255, 2, 75
Decimal	16712267
CIE _{Lab}	53.83, 81.46, 34.50
CIE _{LCh}	54, 88.466, 22.951
Yxy	21.8114, 0.5829, 0.2989
Android (android.graphics.Color)	4294902347 (0xFFFF024B)
YUV	85.9690, -5.4077, 148.2402
Hunter-Lab	46.7027, 80.8286, 21.7423

Details

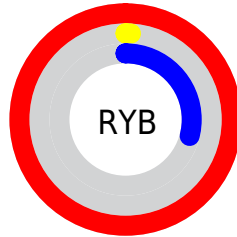
The YUV color **85.9690, -5.4077, 148.2402** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **171.0310, 5.4077, -148.2402**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.9070, -11.7862, 93.9206**, and **60.1590, -13.8824, 112.9936** is the 20% darker color. If you saturate the color by 10%, you get **84.6810, -5.2657, 149.3698**, and if you desaturate by 10%, it is **102.6960, -4.7801, 133.5706**.

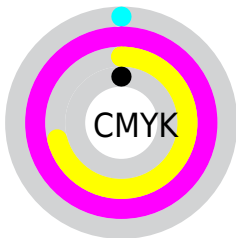
Distribution



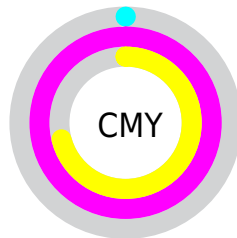
- Red (100%)
- Green (1%)
- Blue (29%)



- Red (100%)
- Yellow (1%)
- Blue (29%)



- Cyan (0%)
- Magenta (99%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (99%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 85.9690, -5.4077, 148.2402 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 85.9690, -5.4077, 148.2402 by changing the saturation by 10% instead.


 85.9690, -5.4077,
148.2402

 85.9690, -5.4077,
148.2402


255.0000, 0.0000,
0.0000


 72.4200, -9.5741,
131.1817


 147.9070,
-11.7862, 93.9206

 60.1590, -13.8824,
112.9936


 169.5410,
-10.1267, 74.9475


 48.1970, -18.3381,
95.4202


 190.8160, -7.3043,
56.2894

 37.3040, -17.4049,
76.0324

 211.5040, -4.1925,
38.1460

 27.9640, -11.8143,
56.1596

 232.8930, -0.9332,
19.3878

 18.5810, -7.6814,
37.2015

 253.2390, 0.8682,

 7.2900, -3.1010,

1.5444

14.6547

■ 0.0000, 0.0000,
0.0000

■ 85.9690, -5.4077,
148.2402

■ 85.9690, -5.4077,
148.2402

■ 84.6810, -5.2657,
149.3698

■ 102.6960, -4.7801,
133.5706

■ 120.0100, -4.4419,
118.3862

■ 137.3240, -4.1037,
103.2019

■ 154.1650, -3.0393,
88.4323

■ 171.4790, -2.7011,
73.2479

■ 188.2060, -2.0736,
58.5783

■ 204.9330, -1.4460,
43.9088

■ 222.2470, -1.1078,
28.7244

■ 239.5610, -0.7696,
13.5400

Harmonies

Analogous

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



91.8500, 28.6680, 138.6976



85.9690, -5.4077, 148.2402



114.8220, -56.6072, 96.6261

Triad

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



85.9690, -5.4077, 148.2402



91.2930, -38.5984, -80.0640



113.5980, 69.7112, -99.6254

Complementary

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



85.9690, -5.4077, 148.2402



171.0310, 5.4077, -148.2402

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.



120.7730, 64.2019, -105.9179



85.9690, -5.4077, 148.2402



105.6450, 1.1610, -92.6507

Square

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



85.9690, -5.4077, 148.2402



113.2540, -55.8342, -11.6238



115.2380, 35.3787, -101.0637



113.8950, 69.5648, -52.5279

Rectangle

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



85.9690, -5.4077, 148.2402



121.0920, -59.6984, 61.3093



115.2380, 35.3787, -101.0637



117.1200, 67.9748, -102.7142

Sweetspot

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



85.9690, -5.4077, 148.2402



204.2320, -1.5934, 44.5235



83.7650, 84.4189, 83.5211



97.2360, -1.1023, 26.9800



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.



85.9690, -5.4077, 148.2402



84.6810, -5.2657, 149.3698



107.5840, -52.0529, 129.2838



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

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



85.9690, -5.4077, 148.2402



84.6810, -5.2657, 149.3698



149.4160, 52.0529, -129.2838



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 85.9690, -5.4077, 148.2402 looks on a white background.

Color Contrast Check

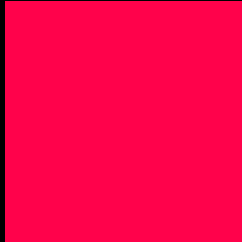
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.9690, -5.4077, 148.2402 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 85.9690, -5.4077, 148.2402

Background



This preview shows how black text looks on a background with the YUV color 85.9690, -5.4077, 148.2402.



This preview shows how white text looks on a background with the YUV color 85.9690, -5.4077,

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

85.9690, -5.4077, 148.2402

Protanopia

129.6280, -9.1836, 5.5882

Deuteranopia

127.6960, -32.3881, 28.3306



Tritanopia

96.8790, -35.9293, 137.7951

Trichromacy



Original Color

85.9690, -5.4077, 148.2402



Protanomaly

113.4140, -7.5991, 57.5189



Deuteranomaly

112.9030, -22.6302, 71.9991



Tritanomaly

92.5880, -24.4469, 141.5583

Monochromacy



Original Color

85.9690, -5.4077, 148.2402



Achromatopsia

86.0000, 0.0000, 0.0000



Achromatomaly

85.5860, -1.7679, 53.8601

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.9690, -5.4077, 148.2402 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, 2, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 75)  
}
```

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, 2, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 75) }
```

Border

The CSS property to change the border of an element to YUV 85.9690, -5.4077, 148.2402 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, 2, 75) }
```


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

```
.border{ border-color:rgb(255, 2, 75) }
```

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

Here you see how a box with a 4 pixel rgb(255, 2, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 2, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 85.9690, -5.4077, 148.2402 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 75) }
```

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

```
.background{ background-color: rgb(255, 2,  
75) }
```

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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