

Converting Colors

YUV(84.7950, -4.8289,
149.2698)

Have a look what the booklet for
YUV(84.7950, -4.8289, 149.2698)
contains.

YUV(84.7950, -4.8289, 149.2698)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**YUV(84.7950, -4.8289,
149.2698)**

Conversions

Conversions Part 1

Format	Color
Hex	FF004B
RGB	255, 0, 75
RGB Percent	100%, 0%, 29%
CMY	0.0000, 1.0000, 0.7059
CMYK	0.00, 1.00, 0.71, 0.00
HSL	342°, 100%, 50%
HSV	342°, 100%, 100%
XYZ	42.5100, 21.7680, 8.6177
YIQ	84.7950, 127.9050, 77.3850

Conversions

Conversions Part 2

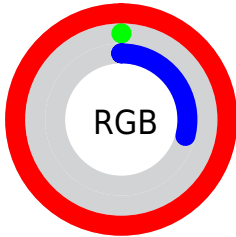
Format	Color
RYB	255, 0, 75
Decimal	16711755
CIELab	53.78, 81.60, 34.44
CIELCh	54, 88.568, 22.883
Yxy	21.7680, 0.5832, 0.2986
Android (android.graphics.Color)	4294901835 (0xFFFF004B)
YUV	84.7950, -4.8289, 149.2698
Hunter-Lab	46.6562, 80.9889, 21.7081

Details

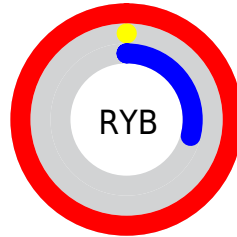
The YUV color **84.7950, -4.8289, 149.2698** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **170.2050, 4.8289, -149.2698**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.7930, -12.2229, 94.0205**, and **60.1590, -13.8824, 112.9936** is the 20% darker color. If you saturate the color by 10%, you get **84.7950, -4.8289, 149.2698**, and if you desaturate by 10%, it is **101.5220, -4.2013, 134.6002**.

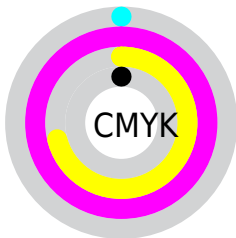
Distribution



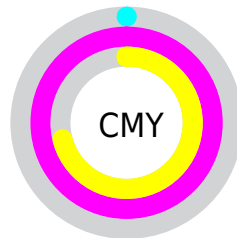
- Red (100%)
- Green (0%)
- Blue (29%)



- Red (100%)
- Yellow (0%)
- Blue (29%)



- Cyan (0%)
- Magenta (100%)
- Yellow (71%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.7950, -4.8289, 149.2698 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 84.7950, -4.8289, 149.2698 by changing the saturation by 10% instead.


 84.7950, -4.8289,
149.2698

 84.7950, -4.8289,
149.2698


255.0000, 0.0000,
0.0000

 72.4200, -9.5741,
131.1817


 147.7930,
-12.2229, 94.0205

 60.1590, -13.8824,
112.9936


 169.5410,
-10.1267, 74.9475

 48.1970, -18.3381,
95.4202


 190.2290, -7.0149,
56.8042

 37.3040, -17.4049,
76.0324

 211.5040, -4.1925,
38.1460

 27.9640, -11.8143,
56.1596

 232.3060, -0.6439,
19.9026

 18.5810, -7.6814,
37.2015

 253.2390, 0.8682,

 7.2900, -3.1010,

1.5444

14.6547

■ 0.0000, 0.0000,
0.0000

■ 84.7950, -4.8289,
149.2698

■ 101.5220, -4.2013,
134.6002

■ 118.8360, -3.8631,
119.4158

■ 136.1500, -3.5249,
104.2315

■ 152.8770, -2.8974,
89.5619

■ 170.1910, -2.5592,
74.3775

■ 186.9180, -1.9316,
59.7079

■ 204.2320, -1.5934,
44.5235

■ 220.9590, -0.9658,
29.8540

■ 238.2730, -0.6276,
14.6696

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



84.7950, -4.8289, 149.2698



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.



84.7950, -4.8289, 149.2698



91.1790, -39.0352, -79.9640



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.



84.7950, -4.8289, 149.2698



170.2050, 4.8289, -149.2698

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



84.7950, -4.8289, 149.2698



105.5310, 0.7242, -92.5507

Square

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



84.7950, -4.8289, 149.2698



113.2540, -55.8342, -11.6238



115.1240, 34.9419, -100.9637



113.5960, 69.7122, -53.1427

Rectangle

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



84.7950, -4.8289, 149.2698



120.5050, -59.4090, 61.8241



115.1240, 34.9419, -100.9637



117.1200, 67.9748, -102.7142

Sweetspot

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



84.7950, -4.8289, 149.2698



204.2320, -1.5934, 44.5235



82.5910, 84.9976, 84.5507



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.



84.7950, -4.8289, 149.2698



106.1820, -52.3477, 130.5134



119.3430, -0.1691, 7.5922



63.4930, -3.6940, 111.8236



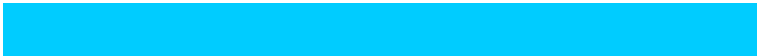
21.3020, -1.1349, 37.4461

Inverse Universe

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



84.7950, -4.8289, 149.2698



148.8180, 52.3477, -130.5134



119.3430, -0.1691, 7.5922



63.4930, -3.6940, 111.8236



21.3020, -1.1349, 37.4461

Previews

White Background



This preview shows how the YUV color 84.7950, -4.8289, 149.2698 looks on a white background.

Color Contrast Check

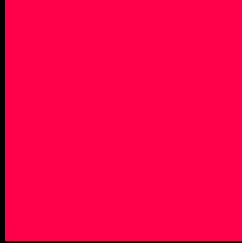
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.7950, -4.8289, 149.2698 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 84.7950, -4.8289, 149.2698

Background



This preview shows how black text looks on a background with the YUV color 84.7950, -4.8289, 149.2698.

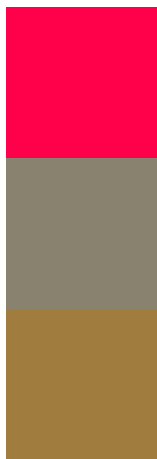


This preview shows how white text looks on a background with the YUV color 84.7950, -4.8289,

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

84.7950, -4.8289, 149.2698

Protanopia

129.6280, -9.1836, 5.5882

Deuteranopia

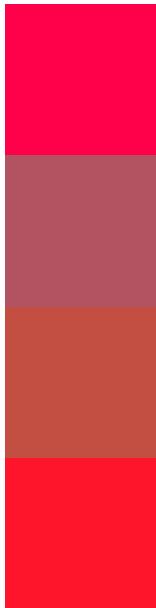
127.6960, -32.3881, 28.3306



Tritanopia

96.8790, -35.9293, 137.7951

Trichromacy



Original Color

84.7950, -4.8289, 149.2698

Protanomaly

113.4140, -7.5991, 57.5189

Deuteranomaly

112.3160, -22.3408, 72.5139

Tritanomaly

92.5880, -24.4469, 141.5583

Monochromacy



Original Color

84.7950, -4.8289, 149.2698

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

84.8850, -1.9153, 54.4749

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.7950, -4.8289, 149.2698 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, 75)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 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, 0, 75) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 75) }
```

Border

The CSS property to change the border of an element to YUV 84.7950, -4.8289, 149.2698 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, 75) }
```

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

```
.border{ border-color:rgb(255, 0, 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, 0, 75) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 75); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 75);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 75)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.7950, -4.8289, 149.2698 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, 75) }
```

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

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