

Converting Colors

YUV(84.1110, -7.4497,
149.8697)

Have a look what the booklet for
YUV(84.1110, -7.4497, 149.8697)
contains.

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Color

**YUV(84.1110, -7.4497,
149.8697)**

Conversions

Conversions Part 1

Format	Color
Hex	FF0045
RGB	255, 0, 69
RGB Percent	100%, 0%, 27%
CMY	0.0000, 1.0000, 0.7294
CMYK	0.00, 1.00, 0.73, 0.00
HSL	344°, 100%, 50%
HSV	344°, 100%, 100%
XYZ	42.3142, 21.6897, 7.5865
YIQ	84.1110, 129.8310, 75.5190

Conversions

Conversions Part 2

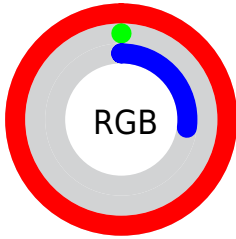
Format	Color
RYB	255, 0, 69
Decimal	16711749
CIELab	53.70, 81.37, 37.87
CIELCh	54, 89.750, 24.956
Yxy	21.6897, 0.5911, 0.3030
Android (android.graphics.Color)	4294901829 (0xFFFF0045)
YUV	84.1110, -7.4497, 149.8697
Hunter-Lab	46.5722, 80.6788, 22.9423

Details

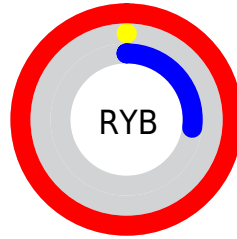
The YUV color **84.1110, -7.4497, 149.8697** is a dark color, and the websafe version is hex **FF0033**. The color can be described as dark saturated red. A complement of this color would be **170.8890, 7.4497, -149.8697**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.1090, -14.8437, 94.6204**, and **59.4750, -16.5032, 113.5934** is the 20% darker color. If you saturate the color by 10%, you get **84.1110, -7.4497, 149.8697**, and if you desaturate by 10%, it is **100.9520, -6.3853, 135.1001**.

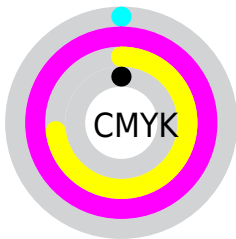
Distribution



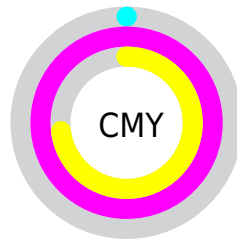
- Red (100%)
- Green (0%)
- Blue (27%)



- Red (100%)
- Yellow (0%)
- Blue (27%)



- Cyan (0%)
- Magenta (100%)
- Yellow (73%)
- Black (0%)





- Cyan (0%)
- Magenta (100%)
- Yellow (73%)

Brightness & Saturation Gradients


These gradients show how the YUV color 84.1110, -7.4497, 149.8697 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 84.1110, -7.4497, 149.8697 by changing the saturation by 10% instead.


 84.1110, -7.4497,
149.8697


 84.1110, -7.4497,
149.8697


255.0000, 0.0000,
0.0000


 71.7360, -12.1948,
131.7815


 147.1090,
-14.8437, 94.6204


 59.4750, -16.5032,
113.5934


 168.2700,
-12.4581, 76.0622

 46.9860, -21.6851,
95.6053


 189.4310,
-10.0725, 57.5040


 37.3040, -17.4049,
76.0324

 210.1190, -6.9607,
39.3606

 27.9640, -11.8143,
56.1596

 231.5080, -3.7014,
20.6025

 18.5810, -7.6814,
37.2015

 253.0110, -0.0054,

 6.8770, -3.3904,

1.7444

14.1399

■ 0.0000, 0.0000,
0.0000

■ 84.1110, -7.4497,
149.8697

■ 100.9520, -6.3853,
135.1001

■ 118.2660, -6.0471,
119.9157

■ 135.6940, -5.2721,
104.6314

■ 152.4210, -4.6446,
89.9618

■ 169.8490, -3.8696,
74.6774

■ 186.6900, -2.8052,
59.9079

■ 204.0040, -2.4670,
44.7235

■ 220.8450, -1.4026,
29.9539

■ 238.1590, -1.0644,
14.7696

Harmonies

Analogous

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



92.1770, 26.0417, 141.0418



84.1110, -7.4497, 149.8697



115.0990, -56.7438, 93.7522

Triad

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



84.1110, -7.4497, 149.8697



92.6780, -35.8303, -81.2786



113.0110, 70.0006, -99.1106

Complementary

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



84.1110, -7.4497, 149.8697



170.8890, 7.4497, -149.8697

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.



120.6420, 66.2385, -105.8030



84.1110, -7.4497, 149.8697



106.1010, 2.9082, -93.0506

Square

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



84.1110, -7.4497, 149.8697



111.7480, -55.0918, -16.4420



115.8080, 37.5627, -101.5636



117.5160, 67.7796, -39.9175

Rectangle

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



84.1110, -7.4497, 149.8697



120.7820, -59.5455, 58.9502



115.8080, 37.5627, -101.5636



116.5330, 68.2642, -102.1994

Sweetspot

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



84.1110, -7.4497, 149.8697



204.0040, -2.4670, 44.7235



83.7870, 84.4080, 87.0098



97.1220, -1.5391, 27.0800



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.



84.1110, -7.4497, 149.8697



108.5300, -53.5053, 128.4542



119.2290, -0.6059, 7.6922



63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Inverse Universe

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



84.1110, -7.4497, 149.8697



146.4700, 53.5053, -128.4542



119.2290, -0.6059, 7.6922



63.0370, -5.4412, 112.2236



21.0740, -2.0085, 37.6461

Previews

White Background



This preview shows how the YUV color 84.1110, -7.4497, 149.8697 looks on a white background.

Color Contrast Check

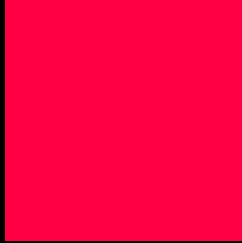
Large Text (above 18pt) WCAG AA ✓ Pass

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 84.1110, -7.4497, 149.8697 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 84.1110, -7.4497, 149.8697

Background



This preview shows how black text looks on a background with the YUV color 84.1110, -7.4497, 149.8697.



This preview shows how white text looks on a background with the YUV color 84.1110, -7.4497,

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

84.1110, -7.4497, 149.8697

Protanopia

128.7270, -12.6834, 8.1324

Deuteranopia

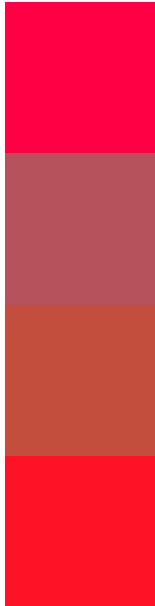
126.7240, -34.8669, 30.0601



Tritanopia

94.6620, -36.8084, 139.7394

Trichromacy



Original Color

84.1110, -7.4497, 149.8697

Protanomaly

112.6270, -10.6621, 59.9631

Deuteranomaly

111.0450, -24.6722, 73.6285

Tritanomaly

90.8440, -26.0521, 143.0878

Monochromacy



Original Color

84.1110, -7.4497, 149.8697

Achromatopsia

84.0000, 0.0000, 0.0000

Achromatomaly

83.7710, -2.3521, 54.5748

CSS Examples

Text

The CSS property to change the color of the text to YUV 84.1110, -7.4497, 149.8697 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, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 0, 69)  
}
```

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, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 0, 69) }
```

Border

The CSS property to change the border of an element to YUV 84.1110, -7.4497, 149.8697 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, 69) }
```

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

```
.border{ border-color:rgb(255, 0, 69) }
```

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, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 0, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 0, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 0, 69)  
}
```

Background

The CSS property to change the background color of an element to YUV 84.1110, -7.4497, 149.8697 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, 69) }
```

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

```
.background{ background-color: rgb(255, 0,  
69) }
```

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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