

Converting Colors

YUV(89.2570, -9.0007,
133.9556)

Have a look what the booklet for
YUV(89.2570, -9.0007, 133.9556)
contains.

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Color

**YUV(89.2570, -9.0007,
133.9556)**

Conversions

Conversions Part 1

Format	Color
Hex	F20F47
RGB	242, 15, 71
RGB Percent	95%, 6%, 28%
CMY	0.0510, 0.9412, 0.7216
CMYK	0.00, 0.94, 0.71, 0.05
HSL	345°, 90%, 50%
HSV	345°, 94%, 95%
XYZ	37.9261, 19.6738, 7.7597
YIQ	89.2570, 117.3160, 65.5400

Conversions

Conversions Part 2

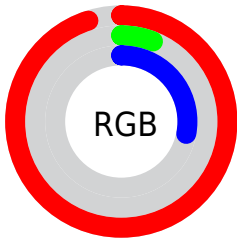
Format	Color
R_{YB}	242, 15, 71
Decimal	15863623
CIE _{Lab}	51.47, 77.30, 33.40
CIE _{LCh}	51, 84.208, 23.369
Yxy	19.6738, 0.5803, 0.3010
Android (android.graphics.Color)	4294053703 (0xFFFF20F47)
YUV	89.2570, -9.0007, 133.9556
Hunter-Lab	44.3552, 75.0057, 20.6761

Details

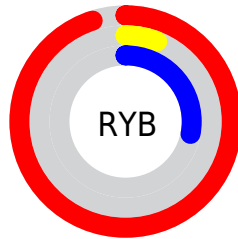
The YUV color **89.2570, -9.0007, 133.9556** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark saturated red. A complement of this color would be **167.7430, 9.0007, -133.9556**, and the grayscale version is **89.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.3370, -13.9701, 94.4205**, and **56.1150, -13.8607, 106.0161** is the 20% darker color. If you saturate the color by 10%, you get **79.1980, -9.4646, 142.7774**, and if you desaturate by 10%, it is **105.3970, -8.0837, 119.8008**.

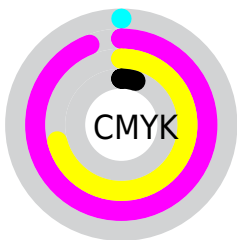
Distribution



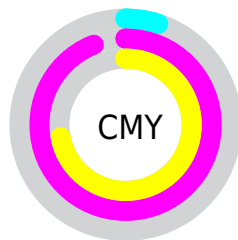
- Red (95%)
- Green (6%)
- Blue (28%)



- Red (95%)
- Yellow (6%)
- Blue (28%)



- Cyan (0%)
- Magenta (94%)
- Yellow (71%)
- Black (5%)





- Cyan (5%)
- Magenta (94%)
- Yellow (72%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.2570, -9.0007, 133.9556 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 89.2570, -9.0007, 133.9556 by changing the saturation by 10% instead.


 89.2570, -9.0007,
133.9556

 89.2570, -9.0007,
133.9556


255.0000, 0.0000,
0.0000


 68.0770, -9.4050,
123.5895


 147.3370,
-13.9701, 94.4205


 56.1150, -13.8607,
106.0161


 168.4980,
-11.5845, 75.8623


 43.9250, -19.1900,
88.6428


 189.0720, -8.9095,
57.8189

 34.0150, -15.7834,
69.2698

 209.8740, -5.3609,
39.5755

 24.9740, -10.3402,
50.0118

 230.6760, -1.8123,
21.3321

 15.1780, -6.4968,
30.5389

 252.0650, 1.4470,

 0.0000, 0.0000,

2.5740

0.0000

■ 89.2570, -9.0007,
133.9556

■ 89.2570, -9.0007,
133.9556

■ 79.1980, -9.4646,
142.7774

■ 105.3970, -8.0837,
119.8008

■ 121.5370, -7.1667,
105.6461

■ 138.3780, -6.1024,
90.8765

■ 154.5180, -5.1854,
76.7217

■ 170.6580, -4.2684,
62.5669

■ 186.7980, -3.3514,
48.4122

■ 203.0520, -1.9976,
34.1574

■ 219.7790, -1.3700,
19.4878

■ 235.9190, -0.4531,
5.3330

Harmonies

Analogous

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



87.3500, 26.9425, 132.1200



89.2570, -9.0007, 133.9556



110.0600, -54.2596, 90.2784

Triad

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



89.2570, -9.0007, 133.9556



87.7540, -34.3887, -76.9603



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.



89.2570, -9.0007, 133.9556



167.7430, 9.0007, -133.9556

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.



114.7090, 61.2755, -100.5998



89.2570, -9.0007, 133.9556



100.4930, 1.7290, -88.1324

Square

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



89.2570, -9.0007, 133.9556



107.6500, -53.0714, -11.0940



110.1030, 33.4732, -96.5603



112.1670, 70.4167, -45.7505

Rectangle

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



89.2570, -9.0007, 133.9556



115.1670, -56.7773, 57.7355



110.1030, 33.4732, -96.5603



112.4240, 70.2900, -98.5958

Sweetspot

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



89.2570, -9.0007, 133.9556



207.1670, -3.0403, 41.9495



91.7080, 74.0940, 81.8171



98.4100, -1.6811, 25.9504



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.



89.2570, -9.0007, 133.9556



83.4270, -10.0705, 150.4695



116.3320, -49.9567, 110.2108



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Inverse Universe

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



89.2570, -9.0007, 133.9556



83.4270, -10.0705, 150.4695



140.6680, 49.9567, -110.2108



111.9300, -0.4585, 7.0774



60.1460, -7.4670, 108.6200



18.3400, -2.1396, 33.0278

Previews

White Background



This preview shows how the YUV color 89.2570, -9.0007, 133.9556 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 89.2570, -9.0007, 133.9556 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 89.2570, -9.0007, 133.9556

Background



This preview shows how black text looks on a background with the YUV color 89.2570, -9.0007, 133.9556.



This preview shows how white text looks on a background with the YUV color 89.2570, -9.0007,

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

89.2570, -9.0007, 133.9556

Protanopia

123.0410, -8.8942, 6.1030

Deuteranopia

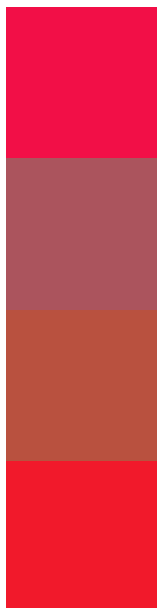
121.7390, -30.9303, 27.4159



Tritanopia

93.3340, -32.7027, 129.5031

Trichromacy



Original Color

89.2570, -9.0007, 133.9556

Protanomaly

111.0390, -8.8932, 52.5858

Deuteranomaly

110.0440, -23.1927, 65.7364

Tritanomaly

91.6360, -23.9775, 130.9922

Monochromacy



Original Color

89.2570, -9.0007, 133.9556

Achromatopsia

89.0000, 0.0000, 0.0000

Achromatomaly

89.0970, -3.4988, 49.0269

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.2570, -9.0007, 133.9556 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(242, 15, 71)` looks like.

```
.text, #text, p{  
    color:rgb(242, 15, 71)  
}
```

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(242, 15, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 15, 71) }
```

Border

The CSS property to change the border of an element to YUV 89.2570, -9.0007, 133.9556 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(242, 15, 71) }
```


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

```
.border{ border-color:rgb(242, 15, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 15, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 15, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 15, 71);  
box-shadow:4px 4px 4px 4px rgb(242, 15,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 89.2570, -9.0007, 133.9556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 15, 71) }
```

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

```
.background{ background-color: rgb(242, 15,  
71) }
```

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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