

Converting Colors

YUV(69.8430, -7.8106,
125.5487)

Have a look what the booklet for
YUV(69.8430, -7.8106, 125.5487)
contains.

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Color

**YUV(69.8430, -7.8106,
125.5487)**

Conversions

Conversions Part 1

Format	Color
Hex	D50036
RGB	213, 0, 54
RGB Percent	84%, 0%, 21%
CMY	0.1647, 1.0000, 0.7882
CMYK	0.00, 1.00, 0.75, 0.16
HSL	345°, 100%, 42%
HSV	345°, 100%, 84%
XYZ	28.1064, 14.4125, 4.7905
YIQ	69.8430, 109.6140, 61.9500

Conversions

Conversions Part 2

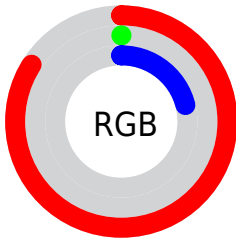
Format	Color
R_{YB}	213, 0, 54
Decimal	13959222
CIE Lab	44.82, 70.96, 34.25
CIE LCh	45, 78.799, 25.767
Yxy	14.4125, 0.5941, 0.3046
Android (android.graphics.Color)	4292149302 (0xFFD50036)
YUV	69.8430, -7.8106, 125.5487
Hunter-Lab	37.9638, 65.7157, 19.0930

Details

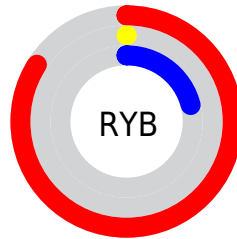
The YUV color **69.8430, -7.8106, 125.5487** is a dark color, and the websafe version is hex **CC0033**. The color can be described as dark washed red. A complement of this color would be **143.1570, 7.8106, -125.5487**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.4150, -18.9386, 101.3680**, and **45.9190, -16.7221, 90.4020** is the 20% darker color. If you saturate the color by 10%, you get **69.8430, -7.8106, 125.5487**, and if you desaturate by 10%, it is **83.9940, -6.8990, 113.1383**.

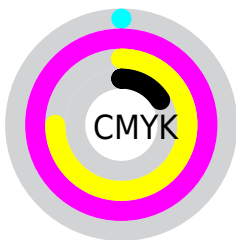
Distribution



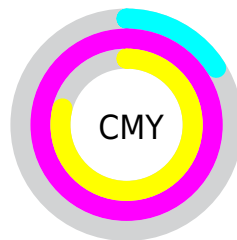
- Red (84%)
- Green (0%)
- Blue (21%)



- Red (84%)
- Yellow (0%)
- Blue (21%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (16%)



- Cyan (16%)
- Magenta (100%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8430, -7.8106, 125.5487 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 69.8430, -7.8106, 125.5487 by changing the saturation by 10% instead.

■ 69.8430, -7.8106,
125.5487

■ 69.8430, -7.8106,
125.5487

■ 255.0000, 0.0000,
0.0000

■ 57.8810, -12.2663,
107.9754

■ 139.4150,
-18.9386, 101.3680

■ 45.9190, -16.7221,
90.4020

■ 159.8750,
-16.7004, 83.4246

■ 35.2820, -17.3940,
72.5437

■ 180.4490,
-14.0254, 65.3812

■ 25.9420, -11.8034,
52.6709

■ 200.4360,
-11.0609, 47.8526

■ 16.9720, -7.3812,
34.2276

■ 221.2380, -7.5123,
29.6093

■ 4.1860, -2.0637,
8.6069

■ 242.0400, -3.9637,

■ 0.0000, 0.0000,

11.3659

0.0000

■ 69.8430, -7.8106,
125.5487

■ 83.9940, -6.8990,
113.1383

■ 98.7320, -6.2769,
100.2130

■ 112.8830, -5.3653,
87.8026

■ 127.0340, -4.4538,
75.3922

■ 141.6580, -4.2684,
62.5669

■ 155.8090, -3.3568,
50.1565

■ 169.9600, -2.4453,
37.7461

■ 184.1110, -1.5337,
25.3357

■ 198.8490, -0.9116,
12.4104

Harmonies

Analogous

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



76.8400, 20.2919, 118.5353



69.8430, -7.8106, 125.5487



95.2310, -46.9489, 78.7274

Triad

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



69.8430, -7.8106, 125.5487



77.0740, -29.6165, -67.5939



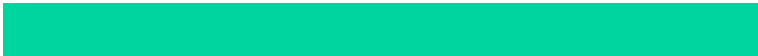
96.5120, 70.2466, -84.6410

Complementary

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



69.8430, -7.8106, 125.5487



143.1570, 7.8106, -125.5487

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.



100.8200, 56.2907, -88.4191



69.8430, -7.8106, 125.5487



88.2000, 2.8594, -77.3514

Square

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



69.8430, -7.8106, 125.5487



91.9790, -45.3456, -15.7676



96.5390, 32.2723, -84.6647



99.4910, 62.3689, -31.1256

Rectangle

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



69.8430, -7.8106, 125.5487



100.3490, -49.4721, 47.9289



96.5390, 32.2723, -84.6647



98.9910, 67.0524, -86.8151

Sweetspot

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



69.8430, -7.8106, 125.5487



203.8900, -2.9038, 44.8235



70.9260, 70.0425, 74.6099



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.



69.8430, -7.8106, 125.5487



83.6550, -9.1969, 150.2696



93.0370, -45.8672, 105.2076



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Inverse Universe

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



69.8430, -7.8106, 125.5487



83.6550, -9.1969, 150.2696



119.9630, 45.8672, -105.2076



99.6310, -0.3111, 6.4626



56.0310, -6.4243, 100.8278



14.1110, -1.5337, 25.3357

Previews

White Background



This preview shows how the YUV color 69.8430, -7.8106, 125.5487 looks on a white 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

Black Background



This preview shows how the YUV color 69.8430, -7.8106, 125.5487 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 69.8430, -7.8106, 125.5487

Background



This preview shows how black text looks on a background with the YUV color 69.8430, -7.8106, 125.5487.



This preview shows how white text looks on a background with the YUV color 69.8430, -7.8106,

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

69.8430, -7.8106, 125.5487

Protanopia

107.3140, -12.9728, 7.6176

Deuteranopia

105.6140, -31.3617, 25.7715



Tritanopia

78.0120, -31.0649, 117.5075

Trichromacy



Original Color

69.8430, -7.8106, 125.5487

Protanomaly

93.7460, -11.2138, 50.2118

Deuteranomaly

92.7230, -23.0344, 61.6329

Tritanomaly

74.9120, -22.6346, 120.2262

Monochromacy



Original Color

69.8430, -7.8106, 125.5487

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1890, -3.0512, 45.4382

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8430, -7.8106, 125.5487 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(213, 0, 54)` looks like.

```
.text, #text, p{  
    color:rgb(213, 0, 54)  
}
```

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(213, 0, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 0, 54) }
```

Border

The CSS property to change the border of an element to YUV 69.8430, -7.8106, 125.5487 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(213, 0, 54) }
```


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

```
.border{ border-color:rgb(213, 0, 54) }
```

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

Here you see how a box with a 4 pixel rgb(213, 0, 54) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 0, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 0, 54);  
box-shadow:4px 4px 4px 4px rgb(213, 0, 54)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.8430, -7.8106, 125.5487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 0, 54) }
```

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

```
.background{ background-color: rgb(213, 0,  
54) }
```

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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