

Converting Colors

YUV(53.3060, -7.0529, 69.0146)

Have a look what the booklet for
YUV(53.3060, -7.0529, 69.0146)
contains.

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Color

**YUV(53.3060, -7.0529,
69.0146)**

Conversions

Conversions Part 1

Format	Color
Hex	841027
RGB	132, 16, 39
RGB Percent	52%, 6%, 15%
CMY	0.4824, 0.9373, 0.8471
CMYK	0.00, 0.88, 0.70, 0.48
HSL	348°, 78%, 29%
HSV	348°, 88%, 52%
XYZ	10.0672, 5.4226, 2.4355
YIQ	53.3060, 61.7530, 31.7450

Conversions

Conversions Part 2

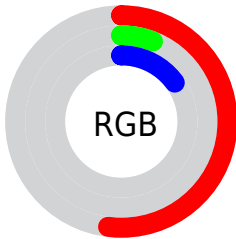
Format	Color
R_{YB}	132, 16, 39
Decimal	8654887
CIE Lab	27.91, 47.32, 19.35
CIE LCh	28, 51.122, 22.240
Yxy	5.4226, 0.5616, 0.3025
Android (android.graphics.Color)	4286844967 (0xFF841027)
YUV	53.3060, -7.0529, 69.0146
Hunter-Lab	23.2865, 36.4179, 10.0994

Details

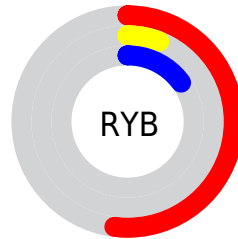
The YUV color **53.3060, -7.0529, 69.0146** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **94.6940, 7.0529, -69.0146**, and the grayscale version is **53.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **110.7100, -13.1680, 70.4143**, and **22.4250, -11.0555, 46.1083** is the 20% darker color. If you saturate the color by 10%, you get **44.4210, -8.0956, 76.8068**, and if you desaturate by 10%, it is **62.1910, -6.0102, 61.2225**.

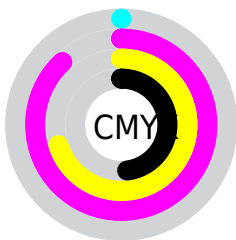
Distribution



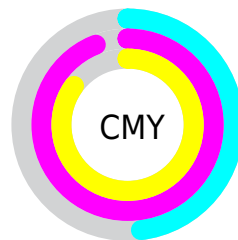
- Red (52%)
- Green (6%)
- Blue (15%)



- Red (52%)
- Yellow (6%)
- Blue (15%)



- Cyan (0%)
- Magenta (88%)
- Yellow (70%)
- Black (48%)



- Cyan (48%)
- Magenta (94%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 53.3060, -7.0529, 69.0146 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 53.3060, -7.0529, 69.0146 by changing the saturation by 10% instead.

■ 53.3060, -7.0529,
69.0146

■ 53.3060, -7.0529,
69.0146

255.0000, 0.0000,
0.0000

■ 32.9630, -6.8838,
61.4224

■ 110.7100,
-13.1680, 70.4143

■ 22.4250, -11.0555,
46.1083

■ 137.6780,
-14.6313, 73.0734

■ 14.8790, -6.3493,
29.9241

■ 165.6460,
-16.0945, 75.7325

■ 0.0000, 0.0000,
0.0000

■ 185.9430,
-13.2829, 60.5630

■ 205.4570, -9.5923,
43.4492

■ 225.0850, -5.4649,

26.2355

245.3000, -1.6269,
8.5069

53.3060, -7.0529,
69.0146

53.3060, -7.0529,
69.0146

44.4210, -8.0956,
76.8068

62.1910, -6.0102,
61.2225

42.4320, -8.1010,
78.5511

70.9620, -5.4043,
53.5303

80.4340, -4.6510,
45.2234

89.2050, -4.0451,
37.5312

98.0900, -3.0024,
29.7391

■ 106.8610, -2.3965,
22.0469

■ 115.7460, -1.3538,
14.2548

■ 125.2180, -0.6005,
5.9478

■ 133.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



53.3330, 12.1608, 66.3600



53.3060, -7.0529, 69.0146



59.6370, -29.4010, 50.3074

Triad

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



53.3060, -7.0529, 69.0146



47.5130, -18.4939, -41.6689



59.9680, 41.9208, -52.5919

Complementary

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



53.3060, -7.0529, 69.0146



94.6940, 7.0529, -69.0146

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.



62.1390, 32.4695, -54.4959



53.3060, -7.0529, 69.0146



54.2900, -0.1430, -47.6123

Square

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



53.3060, -7.0529, 69.0146



58.4100, -28.7961, -3.8676



59.5510, 17.4764, -52.2262



60.4490, 39.2186, -25.8268

Rectangle

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



53.3060, -7.0529, 69.0146



62.1850, -30.6572, 33.1638



59.5510, 17.4764, -52.2262



61.2730, 39.3054, -53.7364

Sweetspot

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



53.3060, -7.0529, 69.0146



140.4810, -2.7021, 26.7652



57.0310, 36.9597, 45.5768



68.6430, -1.7960, 16.0991



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



53.3060, -7.0529, 69.0146



55.0050, -10.3555, 101.7276



71.2290, -27.2279, 53.2962



61.9080, -0.4476, 3.5887



41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Inverse Universe

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



53.3060, -7.0529, 69.0146



55.0050, -10.3555, 101.7276



76.7710, 27.2279, -53.2962



61.9080, -0.4476, 3.5887



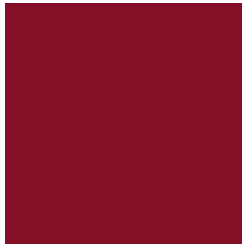
41.8340, -7.8062, 77.3216



1.0110, -0.0054, 1.7444

Previews

White Background



This preview shows how the YUV color 53.3060, -7.0529, 69.0146 looks on a white background.

Color Contrast Check

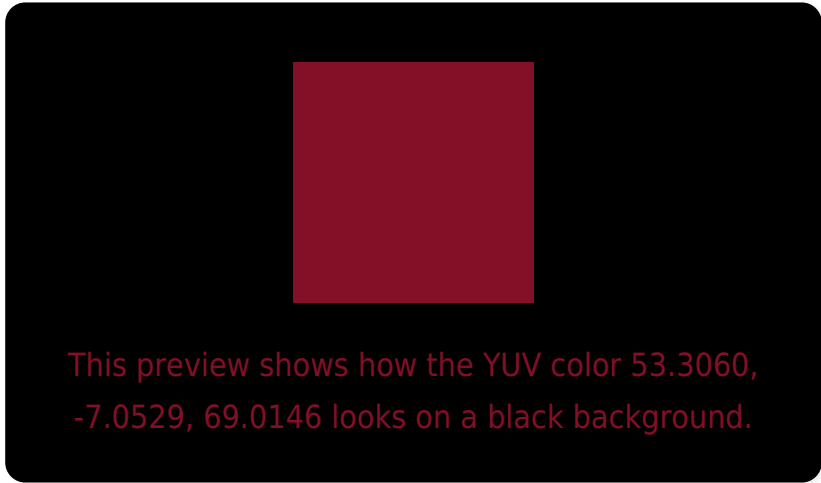
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 53.3060, -7.0529, 69.0146

Background



This preview shows how black text looks on a background with the YUV color 53.3060, -7.0529, 69.0146.



This preview shows how white text looks on a background with the YUV color 53.3060, -7.0529,

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

53.3060, -7.0529, 69.0146

Protanopia

67.9420, -5.3944, 3.5589

Deuteranopia

67.0330, -16.7783, 14.8801



Tritanopia

53.7760, -16.6516, 67.7254

Trichromacy



Original Color

53.3060, -7.0529, 69.0146

Protanomaly

62.5690, -6.1965, 27.5650

Deuteranomaly

61.7780, -13.2016, 34.3977

Tritanomaly

53.4000, -13.0152, 68.0552

Monochromacy



Original Color

53.3060, -7.0529, 69.0146

Achromatopsia

53.0000, 0.0000, 0.0000

Achromatomaly

53.4700, -2.6967, 25.0208

CSS Examples

Text

The CSS property to change the color of the text to YUV 53.3060, -7.0529, 69.0146 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(132, 16, 39)` looks like.

```
.text, #text, p{  
    color:rgb(132, 16, 39)  
}
```

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(132, 16, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 16, 39) }
```

Border

The CSS property to change the border of an element to YUV 53.3060, -7.0529, 69.0146 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(132, 16, 39) }
```


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

```
.border{ border-color:rgb(132, 16, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 16, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 16, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 16, 39);  
box-shadow:4px 4px 4px 4px rgb(132, 16,  
39) }
```

Background

The CSS property to change the background color of an element to YUV 53.3060, -7.0529, 69.0146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 16, 39) }
```

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

```
.background{ background-color: rgb(132, 16,  
39) }
```

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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