

Converting Colors

YUV(67.1500, -27.1889,
87.5685)

Have a look what the booklet for
YUV(67.1500, -27.1889, 87.5685)
contains.

YUV(67.1500, -27.1889, 87.5685)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(67.1500, -27.1889,
87.5685)**

Conversions

Conversions Part 1

Format	Color
Hex	A71B0C
RGB	167, 27, 12
RGB Percent	65%, 11%, 5%
CMY	0.3451, 0.8941, 0.9529
CMYK	0.00, 0.84, 0.93, 0.35
HSL	6°, 87%, 35%
HSV	6°, 93%, 65%
XYZ	16.3946, 9.0259, 1.2259
YIQ	67.1500, 88.2550, 25.0150

Conversions

Conversions Part 2

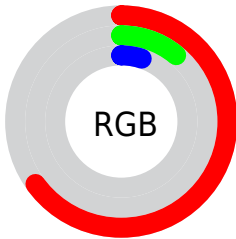
Format	Color
RYB	167, 29, 12
Decimal	10951436
CIELab	36.03, 54.04, 44.89
CIELCh	36, 70.254, 39.713
Yxy	9.0259, 0.6153, 0.3387
Android (android.graphics.Color)	4289141516 (0xFFA71B0C)
YUV	67.1500, -27.1889, 87.5685
Hunter-Lab	30.0431, 44.8326, 18.6109

Details

The YUV color **67.1500, -27.1889, 87.5685** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **111.8500, 27.1890, -87.5684**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.5650, -33.3095, 90.7125**, and **31.3950, -15.4777, 64.5516** is the 20% darker color. If you saturate the color by 10%, you get **59.3250, -29.2472, 94.4310**, and if you desaturate by 10%, it is **77.8930, -24.1042, 78.1468**.

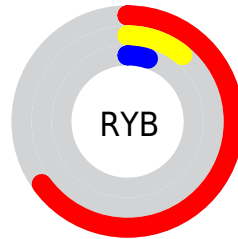
Distribution



Red (65%)

Green (11%)

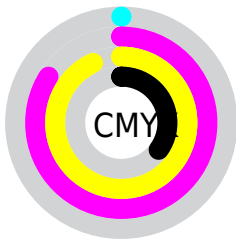
Blue (5%)



Red (65%)

Yellow (11%)

Blue (5%)

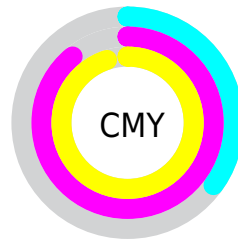


Cyan (0%)

Magenta (84%)

Yellow (93%)

Black (35%)



Cyan (35%)


Magenta (89%)


Yellow (95%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.1500, -27.1889, 87.5685 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 67.1500, -27.1889, 87.5685 by changing the saturation by 10% instead.


 67.1500, -27.1889,
87.5685


 67.1500, -27.1889,
87.5685


 253.7460, -4.8048,
1.0998


 40.6640, -20.0474,
83.6097


 126.5650,
-33.3095, 90.7125


 31.3950, -15.4777,
64.5516


 152.6250,
-34.3251, 89.7829


 22.4250, -11.0555,
46.1083

 171.9110,
-31.5081, 72.8691

 14.5800, -6.2019,
29.3093

 191.1970,
-28.6911, 55.9552


 0.0000, 0.0000,
0.0000


 210.7110,
-25.0005, 38.8415


 230.8120,


-21.5993, 21.2129


 250.4400,
-17.4719, 3.9991


 67.1500, -27.1889,
87.5685

 67.1500, -27.1889,
87.5685

 59.3250, -29.2472,
94.4310

 77.8930, -24.1042,
78.1468

 88.5220, -21.4563,
68.8252

 99.2650, -18.3716,
59.4036

 110.0080,
-15.2869, 49.9820

 120.6370,
-12.6390, 40.6604

■ 131.9670, -9.8437,
30.7239

■ 142.7100, -6.7590,
21.3023

■ 153.4530, -3.6743,
11.8807

■ 164.0820, -1.0264,
2.5591

Harmonies

Analogous

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



61.3870, 3.7532, 103.1466



67.1500, -27.1889, 87.5685



79.3950, -39.1417, 47.8886

Triad

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



67.1500, -27.1889, 87.5685



66.4230, -12.0405, -58.2530



73.6410, 61.3090, -64.5832

Complementary

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



67.1500, -27.1889, 87.5685



111.8500, 27.1890, -87.5684

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.



81.7620, 54.3473, -71.7053



67.1500, -27.1889, 87.5685



74.4370, 13.5886, -65.2812

Square

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



67.1500, -27.1889, 87.5685



59.2980, -29.2339, -50.2503



80.5930, 37.1757, -70.6801



85.1630, 43.3036, 17.3970

Rectangle

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



67.1500, -27.1889, 87.5685



80.1160, -39.4972, 21.8233



80.5930, 37.1757, -70.6801



77.3910, 60.4462, -67.8719

Sweetspot

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



67.1500, -27.1889, 87.5685



177.7610, -10.7282, 34.4126



74.5330, 39.1772, 81.0936



85.7100, -6.7590, 21.3023



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



67.1500, -27.1889, 87.5685



77.2100, -38.0645, 122.5958



111.1750, -48.8933, 48.9585



78.9790, -1.4686, 4.4034



52.4700, -25.8677, 83.7798



7.1540, -3.5269, 11.2659

Inverse Universe

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



111.8500, 27.1890, -87.5684



139.7900, 38.0645, -122.5958



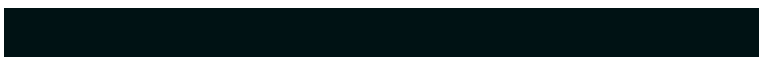
67.8250, 48.8933, -48.9585



81.0210, 1.4686, -4.4034



95.5300, 25.8677, -83.7798



12.8460, 3.5269, -11.2659

Previews

White Background



This preview shows how the YUV color 67.1500, -27.1889, 87.5685 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

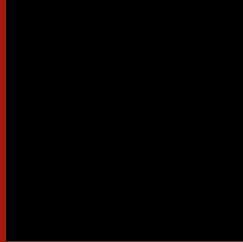
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1500, -27.1889, 87.5685

Background



This preview shows how black text looks on a background with the YUV color 67.1500, -27.1889, 87.5685.



This preview shows how white text looks on a background with the YUV color 67.1500, -27.1889,

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

67.1500, -27.1889, 87.5685

Protanopia

83.0360, -28.1187, 12.2464

Deuteranopia

80.7250, -39.7974, 24.7972



Tritanopia

67.9310, -21.6580, 86.8835

Trichromacy



Original Color

67.1500, -27.1889, 87.5685

Protanomaly

77.0270, -27.6213, 39.4413

Deuteranomaly

75.7200, -35.3580, 47.6036

Tritanomaly

67.4750, -23.4052, 87.2834

Monochromacy



Original Color

67.1500, -27.1889, 87.5685

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.6790, -9.7017, 31.8535

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1500, -27.1889, 87.5685 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(167, 27, 12)` looks like.

```
.text, #text, p{  
    color:rgb(167, 27, 12)  
}
```

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(167, 27, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 27, 12) }
```

Border

The CSS property to change the border of an element to YUV 67.1500, -27.1889, 87.5685 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(167, 27, 12) }
```


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

```
.border{ border-color:rgb(167, 27, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 27, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 27, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 27, 12);  
box-shadow:4px 4px 4px 4px rgb(167, 27,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 67.1500, -27.1889, 87.5685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 27, 12) }
```

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

```
.background{ background-color: rgb(167, 27,  
12) }
```

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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