

Converting Colors

YUV(69.2950, -33.6694,
112.8743)

Have a look what the booklet for
YUV(69.2950, -33.6694, 112.8743)
contains.

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Color

**YUV(69.2950, -33.6694,
112.8743)**

Conversions

Conversions Part 1

Format	Color
Hex	C61101
RGB	198, 17, 1
RGB Percent	78%, 7%, 0%
CMY	0.2235, 0.9333, 0.9961
CMYK	0.00, 0.91, 0.99, 0.22
HSL	5°, 99%, 39%
HSV	5°, 99%, 78%
XYZ	23.4946, 12.4089, 1.1856
YIQ	69.2950, 113.0120, 33.3960

Conversions

Conversions Part 2

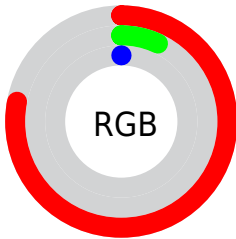
Format	Color
RYB	198, 18, 1
Decimal	12980481
CIELab	41.86, 64.40, 55.43
CIELCh	42, 84.972, 40.716
Yxy	12.4089, 0.6335, 0.3346
Android (android.graphics.Color)	4291170561 (0xFFC61101)
YUV	69.2950, -33.6694, 112.8743
Hunter-Lab	35.2262, 57.4073, 22.6629

Details

The YUV color **69.2950, -33.6694, 112.8743** is a dark color, and the websafe version is hex **CC0000**. The color can be described as dark washed red. A complement of this color would be **129.7050, 33.6694, -112.8743**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9430, -39.9049, 106.1670**, and **40.0660, -19.7525, 82.3801** is the 20% darker color. If you saturate the color by 10%, you get **68.5940, -33.8168, 113.4891**, and if you desaturate by 10%, it is **82.1410, -30.1425, 101.6083**.

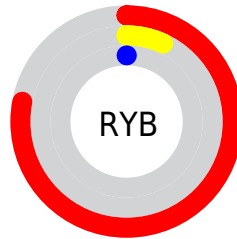
Distribution



Red (78%)

Green (7%)

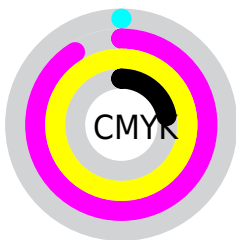
Blue (0%)



Red (78%)

Yellow (7%)

Blue (0%)

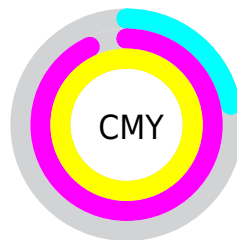


Cyan (0%)

Magenta (91%)

Yellow (99%)

Black (22%)



Cyan (22%)


Magenta (93%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the YUV color 69.2950, -33.6694, 112.8743 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 69.2950, -33.6694, 112.8743 by changing the saturation by 10% instead.


 69.2950, -33.6694,
112.8743


 69.2950, -33.6694,
112.8743


 253.1760, -6.9888,
1.5996

 49.6340, -24.4696,
102.0530


 133.9430,
-39.9049, 106.1670


 40.0660, -19.7525,
82.3801


 153.8160,
-37.3773, 88.7384


 30.4980, -15.0355,
62.7073


 173.6890,
-34.8497, 71.3097

 22.1690, -9.4503,
44.5788

 193.6760,
-31.8853, 53.7811

 12.6720, -5.7543,
25.7207


 213.6630,
-28.9209, 36.2525


 0.0000, 0.0000,
0.0000


 234.4650,


-25.3722, 18.0092


 249.9840,
-19.2191, 4.3990

 69.2950, -33.6694,
112.8743


 69.2950, -33.6694,
112.8743


 68.5940, -33.8168,
113.4891

 82.1410, -30.1425,
101.6083

 94.9870, -26.6156,
90.3424

 108.3060,
-23.8149, 78.6616

 121.1520,
-20.2879, 67.3957

 133.9980,
-16.7610, 56.1298

■ 146.8440,
-13.2341, 44.8638

■ 159.6900, -9.7072,
33.5979

■ 173.0090, -6.9064,
21.9171

■ 185.8550, -3.3795,
10.6512

Harmonies

Analogous

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



73.1770, 2.3777, 124.3788



69.2950, -33.6694, 112.8743



92.7290, -45.7154, 56.3657

Triad

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



69.2950, -33.6694, 112.8743



77.6730, -14.6288, -68.1192



86.6470, 75.6030, -75.9894

Complementary

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



69.2950, -33.6694, 112.8743



129.7050, 33.6694, -112.8743

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.



96.4150, 67.3364, -84.5560



69.2950, -33.6694, 112.8743



87.9840, 17.2629, -77.1620

Square

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



69.2950, -33.6694, 112.8743



68.6790, -33.8587, -60.2315



95.6220, 46.5284, -83.8605



98.2530, 53.6123, 24.3341

Rectangle

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



69.2950, -33.6694, 112.8743



92.8190, -45.7598, 23.8377



95.6220, 46.5284, -83.8605



91.5710, 74.1615, -80.3078

Sweetspot

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



69.2950, -33.6694, 112.8743



205.2460, -12.9393, 43.6343



80.8790, 51.3317, 102.7151



97.5150, -7.6489, 26.7353



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.



69.2950, -33.6694, 112.8743



88.5720, -43.6660, 145.9574



125.6470, -61.4510, 63.4536



92.6910, -1.3267, 5.5330



56.3680, -27.7894, 93.5163



12.5250, -6.1748, 20.5876

Inverse Universe

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



129.7050, 33.6694, -112.8743



166.4280, 43.6660, -145.9574



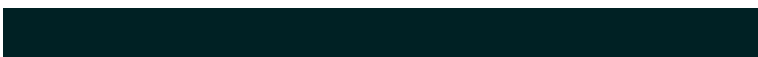
73.3530, 61.4510, -63.4536



96.3090, 1.3267, -5.5330



106.6320, 27.7894, -93.5163



23.4750, 6.1748, -20.5876

Previews

White Background



This preview shows how the YUV color 69.2950, -33.6694, 112.8743 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



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 69.2950, -33.6694, 112.8743

Background



This preview shows how black text looks on a background with the YUV color 69.2950, -33.6694, 112.8743.



This preview shows how white text looks on a background with the YUV color 69.2950, -33.6694,

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

69.2950, -33.6694, 112.8743

Protanopia

95.9240, -34.9655, 14.9757

Deuteranopia

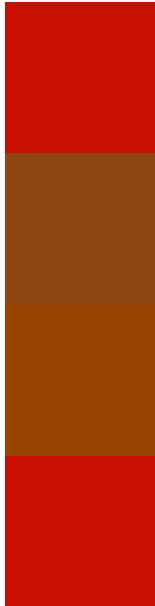
94.3250, -46.5022, 28.6560



Tritanopia

69.1810, -34.1062, 112.9743

Trichromacy



Original Color

69.2950, -33.6694, 112.8743

Protanomaly

85.9700, -34.4952, 50.8923

Deuteranomaly

85.0760, -41.9425, 59.5693

Tritanomaly

69.1810, -34.1062, 112.9743

Monochromacy



Original Color

69.2950, -33.6694, 112.8743

Achromatopsia

69.0000, 0.0000, 0.0000

Achromatomaly

69.0500, -12.3496, 41.1752

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.2950, -33.6694, 112.8743 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(198, 17, 1)` looks like.

```
.text, #text, p{  
    color:rgb(198, 17, 1)  
}
```

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(198, 17, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 17, 1) }
```

Border

The CSS property to change the border of an element to YUV 69.2950, -33.6694, 112.8743 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(198, 17, 1) }
```


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

```
.border{ border-color:rgb(198, 17, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 17, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 17, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 17, 1);  
box-shadow:4px 4px 4px 4px rgb(198, 17, 1)  
}
```

Background

The CSS property to change the background color of an element to YUV 69.2950, -33.6694, 112.8743 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 17, 1) }
```

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

```
.background{ background-color: rgb(198, 17,  
1) }
```

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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