

Converting Colors

YUV(69.8300, -28.5102,
91.3571)

Have a look what the booklet for
YUV(69.8300, -28.5102, 91.3571)
contains.

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Color

**YUV(69.8300, -28.5102,
91.3571)**

Conversions

Conversions Part 1

Format	Color
Hex	AE1C0C
RGB	174, 28, 12
RGB Percent	68%, 11%, 5%
CMY	0.3176, 0.8902, 0.9529
CMYK	0.00, 0.84, 0.93, 0.32
HSL	6°, 87%, 36%
HSV	6°, 93%, 68%
XYZ	17.9372, 9.8557, 1.3048
YIQ	69.8300, 92.1520, 25.9760

Conversions

Conversions Part 2

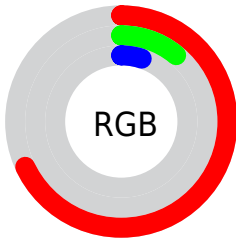
Format	Color
RYB	174, 30, 12
Decimal	11410444
CIELab	37.58, 55.84, 46.62
CIELCh	38, 72.740, 39.856
Yxy	9.8557, 0.6164, 0.3387
Android (android.graphics.Color)	4289600524 (0xFFAE1C0C)
YUV	69.8300, -28.5102, 91.3571
Hunter-Lab	31.3938, 47.0486, 19.5115

Details

The YUV color **69.8300, -28.5102, 91.3571** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **116.1700, 28.5102, -91.3571**, and the grayscale version is **70.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.1310, -35.0676, 94.6011**, and **33.4880, -16.5096, 68.8550** is the 20% darker color. If you saturate the color by 10%, you get **62.0050, -30.5685, 98.2196**, and if you desaturate by 10%, it is **81.1600, -25.7149, 81.4207**.

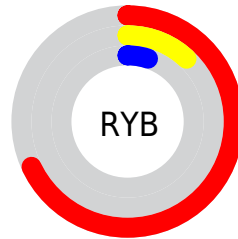
Distribution



Red (68%)

Green (11%)

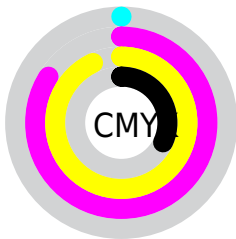
Blue (5%)



Red (68%)

Yellow (12%)

Blue (5%)

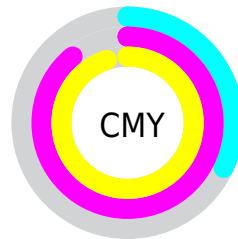


Cyan (0%)

Magenta (84%)

Yellow (93%)

Black (32%)



Cyan (32%)

Magenta (89%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 69.8300, -28.5102, 91.3571 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 69.8300, -28.5102, 91.3571 by changing the saturation by 10% instead.

■ 69.8300, -28.5102,
91.3571

■ 69.8300, -28.5102,
91.3571

■ 253.8600, -4.3680,
0.9998

■ 42.7570, -21.0792,
87.9131

■ 130.1310,
-35.0676, 94.6011

■ 33.4880, -16.5096,
68.8550

■ 153.7990,
-34.9039, 88.7533

■ 24.5180, -12.0874,
50.4117

■ 173.0850,
-32.0869, 71.8395

■ 16.3740, -7.0864,
32.9980

■ 192.4850,
-28.8331, 54.8257


■ 1.7940, -0.8844,
3.6887


■ 212.5860,
-25.4319, 37.1971


■ 0.0000, 0.0000,
0.0000


■ 232.6870,


-22.0307, 19.5685


 250.5540,
-17.0351, 3.8991


 69.8300, -28.5102,
91.3571


 69.8300, -28.5102,
91.3571


 62.0050, -30.5685,
98.2196

 81.1600, -25.7149,
81.4207

 92.0170, -22.1934,
71.8991

 103.3470,
-19.3981, 61.9627

 114.7910,
-16.1660, 51.9263

 125.5340,
-13.0813, 42.5047

■ 136.8640,
-10.2860, 32.5683

■ 148.3080, -7.0538,
22.5319

■ 159.0510, -3.9691,
13.1103

■ 170.4950, -0.7370,
3.0739

Harmonies

Analogous

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



64.1210, 3.8843, 107.7649



69.8300, -28.5102, 91.3571



82.9500, -40.8943, 50.0329

Triad

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



69.8300, -28.5102, 91.3571



69.5860, -12.6139, -61.0269



77.0150, 64.0826, -67.5422

Complementary

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



69.8300, -28.5102, 91.3571



116.1700, 28.5102, -91.3571

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.



85.0220, 56.6842, -74.5643



69.8300, -28.5102, 91.3571



77.9420, 14.3256, -68.3551

Square

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



69.8300, -28.5102, 91.3571



61.0480, -30.0967, -53.5391



83.7390, 39.0757, -73.4391



88.6300, 45.0454, 18.7415

Rectangle

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



69.8300, -28.5102, 91.3571



83.0730, -40.9550, 22.7380



83.7390, 39.0757, -73.4391



80.6510, 62.7831, -70.7309

Sweetspot

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



69.8300, -28.5102, 91.3571



186.2450, -11.4598, 35.7421



77.4240, 41.2030, 84.6972



90.0090, -6.9064, 21.9171



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



69.8300, -28.5102, 91.3571



80.7870, -39.8280, 128.2288



116.2030, -51.3721, 50.6880



81.2780, -1.6161, 5.0182



53.6550, -26.4519, 84.4946



8.0510, -3.9691, 13.1103

Inverse Universe

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



116.1700, 28.5102, -91.3571



146.2130, 39.8280, -128.2288



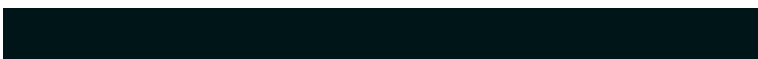
70.3840, 51.0827, -51.2028



83.7220, 1.6161, -5.0182



96.9320, 26.1625, -85.0094



14.9490, 3.9691, -13.1103

Previews

White Background



This preview shows how the YUV color 69.8300, -28.5102, 91.3571 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 69.8300, -28.5102, 91.3571

Background



This preview shows how black text looks on a background with the YUV color 69.8300, -28.5102, 91.3571.



This preview shows how white text looks on a background with the YUV color 69.8300, -28.5102,

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

69.8300, -28.5102, 91.3571

Protanopia

85.9930, -29.5765, 13.1611

Deuteranopia

84.5680, -41.6920, 25.8119



Tritanopia

70.7250, -22.5424, 90.5722

Trichromacy



Original Color

69.8300, -28.5102, 91.3571

Protanomaly

79.9950, -29.0845, 42.1004

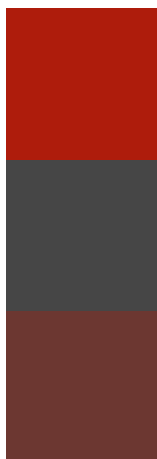
Deuteranomaly

79.2750, -37.1106, 49.7478

Tritanomaly

70.1550, -24.7264, 91.0721

Monochromacy



Original Color

69.8300, -28.5102, 91.3571

Achromatopsia

70.0000, 0.0000, 0.0000

Achromatomaly

70.1630, -10.4334, 33.1830

CSS Examples

Text

The CSS property to change the color of the text to YUV 69.8300, -28.5102, 91.3571 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(174, 28, 12)` looks like.

```
.text, #text, p{  
    color:rgb(174, 28, 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(174, 28, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 28, 12) }
```

Border

The CSS property to change the border of an element to YUV 69.8300, -28.5102, 91.3571 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(174, 28, 12) }
```


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

```
.border{ border-color:rgb(174, 28, 12) }
```

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

Here you see how a box with a 4 pixel rgb(174, 28, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 28, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 28, 12);  
box-shadow:4px 4px 4px 4px rgb(174, 28,  
12) }
```

Background

The CSS property to change the background color of an element to YUV 69.8300, -28.5102, 91.3571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 28, 12) }
```

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

```
.background{ background-color: rgb(174, 28,  
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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