

Converting Colors

YUV(108.7090, -38.3105,
108.1262)

Have a look what the booklet for
YUV(108.7090, -38.3105, 108.1262)
contains.

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Color

**YUV(108.7090, -38.3105,
108.1262)**

Conversions

Conversions Part 1

Format	Color
Hex	E83D1F
RGB	232, 61, 31
RGB Percent	91%, 24%, 12%
CMY	0.0902, 0.7608, 0.8784
CMYK	0.00, 0.74, 0.87, 0.09
HSL	9°, 81%, 52%
HSV	9°, 87%, 91%
XYZ	35.1948, 20.5922, 3.4160
YIQ	108.7090, 111.5460, 26.9220

Conversions

Conversions Part 2

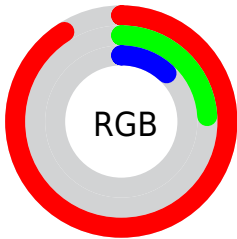
Format	Color
R_{YB}	232, 66, 31
Decimal	15219999
CIE _{Lab}	52.50, 63.79, 55.02
CIE _{LCh}	53, 84.240, 40.783
Yxy	20.5922, 0.5945, 0.3478
Android (android.graphics.Color)	4293410079 (0xFFE83D1F)
YUV	108.7090, -38.3105, 108.1262
Hunter-Lab	45.3787, 59.0284, 27.3018

Details

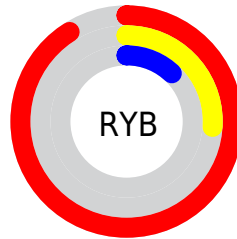
The YUV color **108.7090, -38.3105, 108.1262** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **154.2910, 38.3105, -108.1262**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **155.8050, -37.3719, 86.9940**, and **49.9330, -24.6170, 102.6678** is the 20% darker color. If you saturate the color by 10%, you get **94.3470, -42.5691, 120.7217**, and if you desaturate by 10%, it is **123.0710, -34.0520, 95.5307**.

Distribution



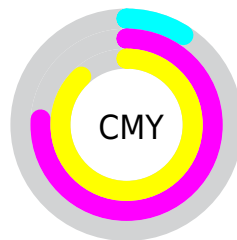
- Red (91%)
- Green (24%)
- Blue (12%)



- Red (91%)
- Yellow (26%)
- Blue (12%)



- Cyan (0%)
- Magenta (74%)
- Yellow (87%)
- Black (9%)





- Cyan (9%)
- Magenta (76%)
- Yellow (88%)

Brightness & Saturation Gradients


These gradients show how the YUV color 108.7090, -38.3105, 108.1262 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 108.7090, -38.3105, 108.1262 by changing the saturation by 10% instead.


 108.7090,
-38.3105, 108.1262

 108.7090,
-38.3105, 108.1262


255.0000, 0.0000,
0.0000


 73.3440, -34.6796,
110.2003


 155.8050,
-37.3719, 86.9940


 49.9330, -24.6170,
102.6678


 175.6780,
-34.8443, 69.5654


 40.3650, -19.8999,
82.9949


 195.0780,
-31.5905, 52.5516

 31.0960, -15.3303,
63.9368

 215.7660,
-28.4786, 34.4082

 22.3540, -10.0345,
45.2935

 235.8670,
-25.0774, 16.7796

 13.2700, -6.0491,
26.9502

 250.2120,

 0.0000, 0.0000,

-18.3455, 4.1991

0.0000

253.5180, -5.6784,
1.2997

108.7090,
-38.3105, 108.1262

108.7090,
-38.3105, 108.1262

94.3470, -42.5691,
120.7217

123.0710,
-34.0520, 95.5307

89.9130, -44.3271,
124.6103

136.8460,
-29.5041, 83.4501

151.3220,
-24.8087, 70.7546

165.6840,
-20.5502, 58.1591

180.0460,
-16.2917, 45.5637

■ 193.8210,
-11.7438, 33.4830

■ 208.1830, -7.4852,
20.8875

■ 222.6590, -2.7899,
8.1921

■ 237.0210, 1.4686,
-4.4034

Harmonies

Analogous

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



85.8940, 8.4333, 142.1670



108.7090, -38.3105, 108.1262



117.5590, -57.9566, 62.6538

Triad

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



108.7090, -38.3105, 108.1262



98.2470, -11.9538, -86.1626



103.0320, 74.9202, -90.3591

Complementary

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



108.7090, -38.3105, 108.1262



154.2910, 38.3105, -108.1262

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.



114.7720, 69.1324, -100.6550



108.7090, -38.3105, 108.1262



108.0850, 20.6641, -94.7905

Square

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



108.7090, -38.3105, 108.1262



94.6830, -46.6787, -54.9730



115.3640, 51.0925, -101.1742



126.9650, 53.7543, 25.4637

Rectangle

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



108.7090, -38.3105, 108.1262



117.3500, -57.8535, 29.5111



115.3640, 51.0925, -101.1742



108.3150, 72.3157, -94.9923

Sweetspot

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



108.7090, -38.3105, 108.1262



214.6040, -12.6228, 35.4273



110.9350, 46.3740, 106.1740



103.4820, -7.6326, 21.5023



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.



108.7090, -38.3105, 108.1262



98.5510, -48.5856, 137.2058



165.6480, -66.3815, 58.1907



107.7620, -2.3477, 6.3477



69.3700, -34.1994, 96.1455



19.9450, -9.8329, 27.2352

Inverse Universe

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



154.2910, 38.3105, -108.1262



156.4490, 48.5856, -137.2058



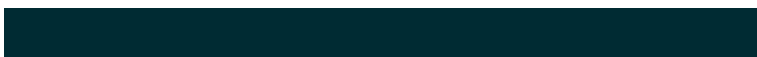
97.3520, 66.3815, -58.1907



110.2380, 2.3477, -6.3477



109.6300, 34.1994, -96.1455



31.0550, 9.8329, -27.2352

Previews

White Background



This preview shows how the YUV color 108.7090, -38.3105, 108.1262 looks on a white 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

Black Background



This preview shows how the YUV color 108.7090, -38.3105, 108.1262 looks on a black 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

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

YUV 108.7090, -38.3105, 108.1262 Background



This preview shows how black text looks on a background with the YUV color 108.7090, -38.3105, 108.1262.



This preview shows how white text looks on a background with the YUV color 108.7090, -38.3105, 108.1262.

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

108.7090, -38.3105, 108.1262

Protanopia

121.1800, -36.5707, 16.5051

Deuteranopia

117.3940, -57.8752, 36.4885



Tritanopia

110.5530, -24.9226, 107.3860

Trichromacy



Original Color

108.7090, -38.3105, 108.1262

Protanomaly

116.2750, -37.1106, 49.7478

Deuteranomaly

114.3940, -50.9732, 62.7985

Tritanomaly

109.8860, -30.0168, 107.9710

Monochromacy



Original Color

108.7090, -38.3105, 108.1262

Achromatopsia

109.0000, 0.0000, 0.0000

Achromatomaly

109.2840, -13.9440, 39.2159

CSS Examples

Text

The CSS property to change the color of the text to YUV 108.7090, -38.3105, 108.1262 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(232, 61, 31)` looks like.

```
.text, #text, p{  
    color:rgb(232, 61, 31)  
}
```

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(232, 61, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 61, 31) }
```

Border

The CSS property to change the border of an element to YUV 108.7090, -38.3105, 108.1262 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(232, 61, 31) }
```


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

```
.border{ border-color:rgb(232, 61, 31) }
```

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

Here you see how a box with a 4 pixel rgb(232, 61, 31) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 61, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 61, 31);  
box-shadow:4px 4px 4px 4px rgb(232, 61,  
31) }
```

Background

The CSS property to change the background color of an element to YUV 108.7090, -38.3105, 108.1262 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 61, 31) }
```

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

```
.background{ background-color: rgb(232, 61,  
31) }
```

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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