

Converting Colors

YUV(73.8030, -30.9619,
84.3648)

Have a look what the booklet for
YUV(73.8030, -30.9619, 84.3648)
contains.

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Color

**YUV(73.8030, -30.9619,
84.3648)**

Conversions

Conversions Part 1

Format	Color
Hex	AA250B
RGB	170, 37, 11
RGB Percent	67%, 15%, 4%
CMY	0.3333, 0.8549, 0.9569
CMYK	0.00, 0.78, 0.94, 0.33
HSL	10°, 88%, 35%
HSV	10°, 94%, 67%
XYZ	17.2995, 9.8933, 1.3144
YIQ	73.8030, 87.6140, 20.1100

Conversions

Conversions Part 2

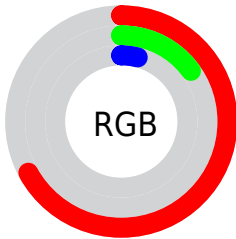
Format	Color
RYB	170, 42, 11
Decimal	11150603
CIELab	37.65, 52.11, 46.62
CIElCh	38, 69.918, 41.820
Yxy	9.8933, 0.6068, 0.3470
Android (android.graphics.Color)	4289340683 (0xFFAA250B)
YUV	73.8030, -30.9619, 84.3648
Hunter-Lab	31.4537, 43.1311, 19.5399

Details

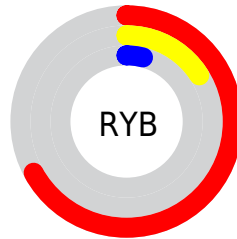
The YUV color **73.8030, -30.9619, 84.3648** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **107.1970, 30.9619, -84.3648**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.5710, -35.7775, 88.9532**, and **32.2920, -15.9200, 66.3959** is the 20% darker color. If you saturate the color by 10%, you get **67.2660, -33.1621, 90.0977**, and if you desaturate by 10%, it is **83.9590, -27.5878, 75.4580**.

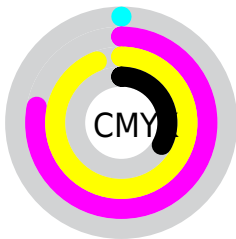
Distribution



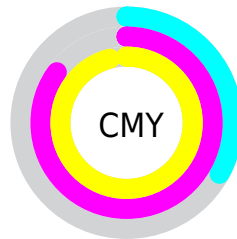
- Red (67%)
- Green (15%)
- Blue (4%)



- Red (67%)
- Yellow (16%)
- Blue (4%)



- Cyan (0%)
- Magenta (78%)
- Yellow (94%)
- Black (33%)





- Cyan (33%)
- Magenta (85%)
- Yellow (96%)

Brightness & Saturation Gradients


These gradients show how the YUV color 73.8030, -30.9619, 84.3648 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 73.8030, -30.9619, 84.3648 by changing the saturation by 10% instead.


 73.8030, -30.9619,
84.3648

 73.8030, -30.9619,
84.3648


 253.8600, -4.3680,
0.9998


 41.5610, -20.4896,
85.4540

 131.5710,
-35.7775, 88.9532

 32.2920, -15.9200,
66.3959

 156.7340,
-36.3509, 86.1793

 23.3220, -11.4977,
47.9526

 175.4330,
-33.2445, 69.7803

 15.4770, -6.6442,
31.1537


 194.8330,
-29.9907, 52.7665


 0.0000, 0.0000,
0.0000


 214.9340,
-26.5895, 35.1379


 235.0350,


-23.1883, 17.5093


 250.5540,
-17.0351, 3.8991

 73.8030, -30.9619,
84.3648


 73.8030, -30.9619,
84.3648


 67.2660, -33.1621,
90.0977

 83.9590, -27.5878,
75.4580

 94.1150, -24.2137,
66.5511

 104.8580,
-21.1290, 57.1295

 115.0140,
-17.7549, 48.2227

 125.1700,
-14.3808, 39.3159

■ 135.3260,
-11.0067, 30.4091

■ 146.0690, -7.9220,
20.9875

■ 156.2250, -4.5479,
12.0807

■ 166.3810, -1.1738,
3.1739

Harmonies

Analogous

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



62.8820, 3.0162, 106.2205



73.8030, -30.9619, 84.3648



83.5150, -41.1729, 46.0293

Triad

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



73.8030, -30.9619, 84.3648



70.3840, -9.5563, -61.7268



75.1570, 62.0406, -65.9127

Complementary

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



73.8030, -30.9619, 84.3648



107.1970, 30.9619, -84.3648

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.



84.0930, 55.6632, -73.7496



73.8030, -30.9619, 84.3648



78.2840, 15.6360, -68.6551

Square

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



73.8030, -30.9619, 84.3648



61.0480, -30.0967, -53.5391



83.8530, 39.5125, -73.5391



89.4410, 41.6876, 22.4152

Rectangle

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



73.8030, -30.9619, 84.3648



83.3500, -41.0915, 19.8641



83.8530, 39.5125, -73.5391



79.6080, 61.3253, -69.8162

Sweetspot

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



73.8030, -30.9619, 84.3648



184.4080, -12.0331, 32.9682



73.9310, 35.5300, 84.2525



88.8840, -7.3378, 20.2727



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



73.8030, -30.9619, 84.3648



87.5100, -43.1424, 117.9477



119.0020, -53.2450, 44.7252



78.9790, -1.4686, 4.4034



58.3400, -28.7616, 78.6318



7.7410, -3.8163, 10.7511

Inverse Universe

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



107.1970, 30.9619, -84.3648



134.4900, 43.1424, -117.9477



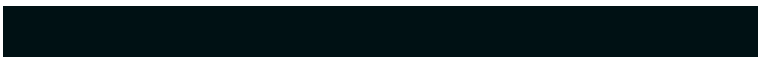
61.9980, 53.2450, -44.7252



81.0210, 1.4686, -4.4034



89.6600, 28.7616, -78.6318



12.2590, 3.8163, -10.7511

Previews

White Background



This preview shows how the YUV color 73.8030, -30.9619, 84.3648 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

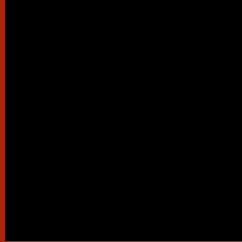
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 73.8030, -30.9619, 84.3648

Background



This preview shows how black text looks on a background with the YUV color 73.8030, -30.9619, 84.3648.



This preview shows how white text looks on a background with the YUV color 73.8030, -30.9619,

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

73.8030, -30.9619, 84.3648

Protanopia

85.7650, -30.4501, 13.3611

Deuteranopia

83.6820, -41.2552, 25.7119



Tritanopia

75.3650, -19.8999, 82.9949

Trichromacy



Original Color

73.8030, -30.9619, 84.3648

Protanomaly

81.5170, -30.8209, 39.0116

Deuteranomaly

80.4380, -37.6839, 46.9739

Tritanomaly

74.9260, -24.1205, 83.3799

Monochromacy



Original Color

73.8030, -30.9619, 84.3648

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.2120, -11.4435, 30.5091

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8030, -30.9619, 84.3648 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(170, 37, 11)` looks like.

```
.text, #text, p{  
    color:rgb(170, 37, 11)  
}
```

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(170, 37, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 37, 11) }
```

Border

The CSS property to change the border of an element to YUV 73.8030, -30.9619, 84.3648 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(170, 37, 11) }
```


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

```
.border{ border-color:rgb(170, 37, 11) }
```

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

Here you see how a box with a 4 pixel rgb(170, 37, 11) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 37, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 37, 11);  
box-shadow:4px 4px 4px 4px rgb(170, 37,  
11) }
```

Background

The CSS property to change the background color of an element to YUV 73.8030, -30.9619, 84.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 37, 11) }
```

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

```
.background{ background-color: rgb(170, 37,  
11) }
```

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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