

Converting Colors

YUV(72.2300, -15.8894,
-37.0357)

Have a look what the booklet for
YUV(72.2300, -15.8894, -37.0357)
contains.

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Color

**YUV(72.2300, -15.8894,
-37.0357)**

Conversions

Conversions Part 1

Format	Color
Hex	1E6428
RGB	30, 100, 40
RGB Percent	12%, 39%, 16%
CMY	0.8824, 0.6078, 0.8431
CMYK	0.70, 0.00, 0.60, 0.61
HSL	129°, 54%, 25%
HSV	129°, 70%, 39%
XYZ	5.4756, 9.5436, 3.5610
YIQ	72.2300, -22.4600, -33.5000

Conversions

Conversions Part 2

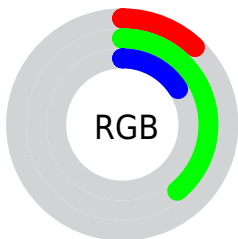
Format	Color
R_{YB}	30, 91, 100
Decimal	1991720
CIE _{Lab}	37.01, -35.39, 27.44
CIE _{LCh}	37, 44.777, 142.209
Yxy	9.5436, 0.2947, 0.5136
Android (android.graphics.Color)	4280181800 (0xFF1E6428)
YUV	72.2300, -15.8894, -37.0357
Hunter-Lab	30.8927, -22.4238, 14.7905




Details

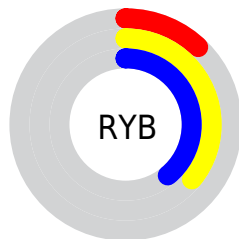
The YUV color **72.2300, -15.8894, -37.0357** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **57.7700, 15.8894, 37.0357**, and the grayscale version is **72.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **124.2580, -18.3682, -35.3063**, and **30.5240, -15.0483, -26.7695** is the 20% darker color. If you saturate the color by 10%, you get **68.2140, -18.3465, -42.2837**, and if you desaturate by 10%, it is **76.2460, -13.4323, -31.7877**.

Distribution







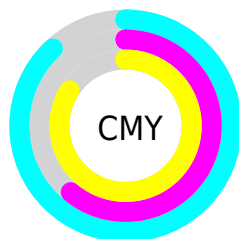
-  Red (12%)
-  Green (39%)
-  Blue (16%)






-  Red (12%)
-  Yellow (36%)
-  Blue (39%)



-  Cyan (70%)
-  Magenta (0%)
-  Yellow (60%)
-  Black (61%)




-  Cyan (88%)
-  Magenta (61%)
-  Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 72.2300, -15.8894, -37.0357 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 72.2300, -15.8894, -37.0357 by changing the saturation by 10% instead.


 72.2300, -15.8894,
-37.0357


 72.2300, -15.8894,
-37.0357


255.0000, 0.0000,
0.0000


 46.5500, -14.5681,
-40.8243

 124.2580,
-18.3682, -35.3063


 30.5240, -15.0483,
-26.7695


 151.0300,
-19.2418, -35.1063

 18.7840, -9.2605,
-16.4736

 177.6170,
-19.5312, -35.6211

 0.0000, 0.0000,
0.0000

 205.9760,
-20.6942, -35.9360

 229.2800,
-18.3790, -31.8176

 240.8440,

-10.2761, -17.4032

252.7070, -2.3206,
-2.3740

72.2300, -15.8894,
-37.0357

72.2300, -15.8894,
-37.0357

68.2140, -18.3465,
-42.2837

76.2460, -13.4323,
-31.7877

64.3120, -20.3668,
-47.6316

80.1480, -11.4120,
-26.4398

60.2960, -22.8239,
-52.8796

84.1640, -8.9549,
-21.1918

88.0660, -6.9345,
-15.8439

92.0820, -4.4774,
-10.5959

■ 95.9840, -2.4571,
-5.2480

■ 100.0000, 0.0000,
0.0000

■ 104.0160, 2.4571,
5.2480

■ 107.9180, 4.4774,
10.5959

Harmonies

Analogous

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



79.1240, -35.0641, -0.1087



72.2300, -15.8894, -37.0357



69.1250, 3.3894, -60.6226

Triad

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



72.2300, -15.8894, -37.0357



73.3040, 42.2481, -64.2876



83.9150, -10.8041, 58.8335

Complementary

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



72.2300, -15.8894, -37.0357



57.7700, 15.8894, 37.0357

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.



85.6490, 6.0890, 53.8048



72.2300, -15.8894, -37.0357



86.0220, 33.5132, -15.8053

Square

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



72.2300, -15.8894, -37.0357



75.7030, 33.6704, -66.3915



89.3820, 21.0107, 27.7290



84.0110, -26.6274, 47.3484

Rectangle

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



72.2300, -15.8894, -37.0357



72.5620, 14.0199, -63.6369



89.3820, 21.0107, 27.7290



83.8210, -4.8418, 59.7930

Sweetspot

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



72.2300, -15.8894, -37.0357



119.3050, -6.0664, -14.2995



89.3290, -29.2492, 1.4655



59.6200, -3.7567, -8.4367



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



72.2300, -15.8894, -37.0357



86.6930, -24.9916, -57.6128



76.1060, -1.0383, -40.4350



49.0490, -1.0102, -2.6740



69.3290, -26.2912, -60.8015



146.0440, -54.7447, -128.0806

Inverse Universe

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



57.7700, 15.8894, 37.0357



64.1930, 24.5549, 57.7127



53.8940, 1.0383, 40.4350



47.9510, 1.0102, 2.6740



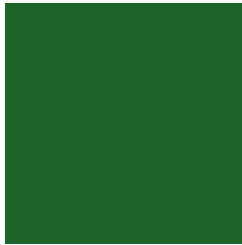
45.5570, 25.8544, 60.9015



96.0700, 55.1815, 127.9806

Previews

White Background



This preview shows how the YUV color 72.2300, -15.8894, -37.0357 looks on a white background.

Color Contrast Check

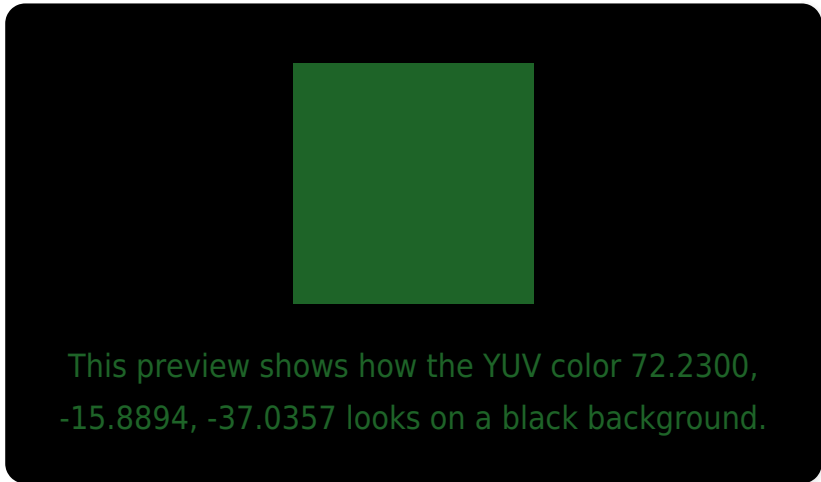
Large Text (above 18pt) WCAG AA ✓ Pass

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 72.2300, -15.8894, -37.0357

Background



This preview shows how black text looks on a background with the YUV color 72.2300, -15.8894, -37.0357.



This preview shows how white text looks on a background with the YUV color 72.2300, -15.8894, -37.0357.

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

72.2300, -15.8894, -37.0357

Protanopia

84.1760, -23.7508, 11.2466

Deuteranopia

85.5450, -19.9887, 17.9390



Tritanopia

81.0440, 9.8383, -28.9796

Trichromacy



Original Color

72.2300, -15.8894, -37.0357

Protanomaly

80.0490, -21.2232, -6.1820

Deuteranomaly

80.4670, -18.4712, -2.1636

Tritanomaly

77.6170, 0.6818, -32.1131

Monochromacy



Original Color

72.2300, -15.8894, -37.0357

Achromatopsia

72.0000, 0.0000, 0.0000

Achromatomaly

72.0170, -5.9244, -13.1699

CSS Examples

Text

The CSS property to change the color of the text to YUV 72.2300, -15.8894, -37.0357 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(30, 100, 40)` looks like.

```
.text, #text, p{  
    color:rgb(30, 100, 40)  
}
```

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(30, 100, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 100, 40) }
```

Border

The CSS property to change the border of an element to YUV 72.2300, -15.8894, -37.0357 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(30, 100, 40) }
```


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

```
.border{ border-color:rgb(30, 100, 40) }
```

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

Here you see how a box with a 4 pixel rgb(30, 100, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 100, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 100, 40);  
box-shadow:4px 4px 4px 4px rgb(30, 100,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 72.2300, -15.8894, -37.0357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 100, 40) }
```

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

```
.background{ background-color: rgb(30, 100,  
40) }
```

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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