

Converting Colors

YUV(70.9530, -18.7108,
28.1052)

Have a look what the booklet for
YUV(70.9530, -18.7108, 28.1052)
contains.

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Color

**YUV(70.9530, -18.7108,
28.1052)**

Conversions

Conversions Part 1

Format	Color
Hex	673E21
RGB	103, 62, 33
RGB Percent	40%, 24%, 13%
CMY	0.5961, 0.7569, 0.8706
CMYK	0.00, 0.40, 0.68, 0.60
HSL	25°, 51%, 27%
HSV	25°, 68%, 40%
XYZ	7.5907, 6.4386, 2.2815
YIQ	70.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

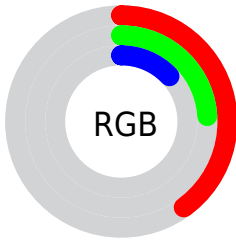
Format	Color
R_{YB}	103, 83, 33
Decimal	6766113
CIE _{Lab}	30.49, 14.92, 25.02
CIE _{LCh}	30, 29.132, 59.197
Yxy	6.4386, 0.4654, 0.3947
Android (android.graphics.Color)	4284956193 (0xFF673E21)
YUV	70.9530, -18.7108, 28.1052
Hunter-Lab	25.3744, 8.9923, 12.4310

Details

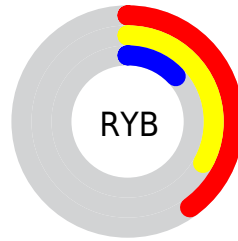
The YUV color **70.9530, -18.7108, 28.1052** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **65.0470, 18.7108, -28.1052**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.4050, -20.9057, 32.0938**, and **26.7010, -13.1636, 22.1872** is the 20% darker color. If you saturate the color by 10%, you get **66.2910, -21.3425, 32.1938**, and if you desaturate by 10%, it is **75.6150, -16.0792, 24.0166**.

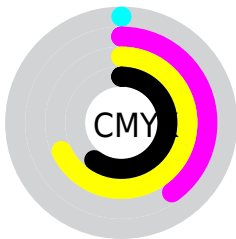
Distribution



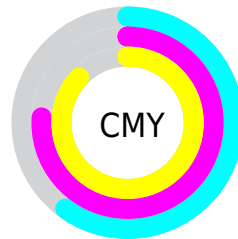
- Red (40%)
- Green (24%)
- Blue (13%)



- Red (40%)
- Yellow (33%)
- Blue (13%)



- Cyan (0%)
- Magenta (40%)
- Yellow (68%)
- Black (60%)



- Cyan (60%)
- Magenta (76%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 70.9530, -18.7108, 28.1052 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 70.9530, -18.7108, 28.1052 by changing the saturation by 10% instead.

■ 70.9530, -18.7108,
28.1052

■ 70.9530, -18.7108,
28.1052

■ 255.0000, 0.0000,
0.0000

■ 47.7570, -18.1212,
25.6461

■ 120.4050,
-20.9057, 32.0938

■ 26.7010, -13.1636,
22.1872

■ 146.3020,
-21.3479, 33.9381

■ 8.9700, -4.4222,
18.4433

■ 173.6720,
-22.5163, 35.3677

■ 0.0000, 0.0000,
0.0000

■ 201.1560,
-23.2479, 36.6972

■ 223.6710,
-21.0368, 27.4755

■ 243.7720,

-17.6356, 9.8470

252.9480, -7.8624,
1.7996

70.9530, -18.7108,
28.1052

70.9530, -18.7108,
28.1052

66.2910, -21.3425,
32.1938

75.6150, -16.0792,
24.0166

61.5150, -24.4109,
36.3823

80.3910, -13.0108,
19.8281

56.8530, -27.0425,
40.4709

85.0530, -10.3791,
15.7395

56.0380, -27.6267,
41.1857

89.7150, -7.7475,
11.6509

94.4910, -4.6791,
7.4624

■ 99.1530, -2.0474,
3.3738

■ 103.8150, 0.5842,
-0.7148

■ 108.4770, 3.2158,
-4.8033

■ 113.2530, 6.2843,
-8.9919

Harmonies

Analogous

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



71.2990, -10.0074, 36.5718



70.9530, -18.7108, 28.1052



69.2410, -22.3038, 13.8206

Triad

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



70.9530, -18.7108, 28.1052



56.7010, 6.5564, -49.7268



72.9240, 18.7715, -0.8103

Complementary

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



70.9530, -18.7108, 28.1052



65.0470, 18.7108, -28.1052

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.



64.2510, 26.0053, -34.4231



70.9530, -18.7108, 28.1052



59.3230, 16.6028, -52.0263

Square

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



70.9530, -18.7108, 28.1052



62.8860, -7.3388, -26.2100



59.5000, 24.8965, -52.1815



73.8900, 10.4072, 22.0215

Rectangle

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



70.9530, -18.7108, 28.1052



68.3320, -20.3767, 2.3398



59.5000, 24.8965, -52.1815



71.2540, 21.5668, -10.7468

Sweetspot

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



70.9530, -18.7108, 28.1052



122.5300, -7.1633, 10.9362



58.7180, 8.0270, 38.8353



61.1920, -4.5317, 6.8476



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000

Same Dimension

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



70.9530, -18.7108, 28.1052



84.1910, -29.6742, 44.5595



90.9110, -28.5501, 10.6021



48.6690, -1.3158, 2.0443



62.5610, -30.8426, 45.9890



131.0580, -64.6116, 97.2961

Inverse Universe

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



65.0470, 18.7108, -28.1052



74.8090, 29.6742, -44.5595



45.0890, 28.5501, -10.6021



48.3310, 1.3158, -2.0443



52.4390, 30.8426, -45.9890



110.9420, 64.6116, -97.2961

Previews

White Background



This preview shows how the YUV color 70.9530, -18.7108, 28.1052 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



This preview shows how the YUV color 70.9530, -18.7108, 28.1052 looks on a 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 70.9530, -18.7108, 28.1052

Background



This preview shows how black text looks on a background with the YUV color 70.9530, -18.7108, 28.1052.



This preview shows how white text looks on a background with the YUV color 70.9530, -18.7108,

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

70.9530, -18.7108, 28.1052

Protanopia

70.2880, -16.9040, 8.5174

Deuteranopia

70.9470, -19.6939, 16.7095



Tritanopia

73.2100, -5.0335, 27.8798

Trichromacy



Original Color

70.9530, -18.7108, 28.1052

Protanomaly

70.2180, -17.3625, 15.5948

Deuteranomaly

70.7950, -19.1259, 21.2278

Tritanomaly

72.2440, -9.9803, 27.8500

Monochromacy



Original Color

70.9530, -18.7108, 28.1052

Achromatopsia

71.0000, 0.0000, 0.0000

Achromatomaly

71.2310, -7.0159, 10.3214

CSS Examples

Text

The CSS property to change the color of the text to YUV 70.9530, -18.7108, 28.1052 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(103, 62, 33)` looks like.

```
.text, #text, p{  
    color:rgb(103, 62, 33)  
}
```

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(103, 62, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 62, 33) }
```

Border

The CSS property to change the border of an element to YUV 70.9530, -18.7108, 28.1052 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(103, 62, 33) }
```


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

```
.border{ border-color:rgb(103, 62, 33) }
```

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

Here you see how a box with a 4 pixel rgb(103, 62, 33) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 62, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 62, 33);  
box-shadow:4px 4px 4px 4px rgb(103, 62,  
33) }
```

Background

The CSS property to change the background color of an element to YUV 70.9530, -18.7108, 28.1052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 62, 33) }
```

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

```
.background{ background-color: rgb(103, 62,  
33) }
```

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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