

Converting Colors

YUV(77.0570, -19.7481,
34.1530)

Have a look what the booklet for
YUV(77.0570, -19.7481, 34.1530)
contains.

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Color

**YUV(77.0570, -19.7481,
34.1530)**

Conversions

Conversions Part 1

Format	Color
Hex	744125
RGB	116, 65, 37
RGB Percent	45%, 25%, 15%
CMY	0.5451, 0.7451, 0.8549
CMYK	0.00, 0.44, 0.68, 0.55
HSL	21°, 52%, 30%
HSV	21°, 68%, 45%
XYZ	9.4267, 7.6272, 2.7256
YIQ	77.0570, 39.3840, 2.1040

Conversions

Conversions Part 2

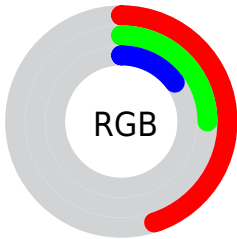
Format	Color
RYB	116, 80, 37
Decimal	7618853
CIELab	33.19, 19.40, 26.31
CIELCh	33, 32.690, 53.599
Yxy	7.6272, 0.4766, 0.3856
Android (android.graphics.Color)	4285808933 (0xFF744125)
YUV	77.0570, -19.7481, 34.1530
Hunter-Lab	27.6173, 12.5975, 13.4807

Details

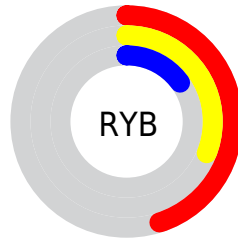
The YUV color **77.0570, -19.7481, 34.1530** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **75.9430, 19.7481, -34.1530**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9220, -21.6535, 38.6564**, and **31.4630, -15.5113, 28.5349** is the 20% darker color. If you saturate the color by 10%, you get **71.5800, -22.9639, 38.9563**, and if you desaturate by 10%, it is **82.5340, -16.5323, 29.3497**.

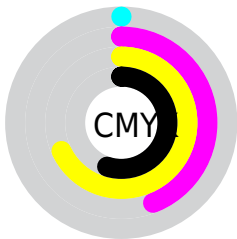
Distribution



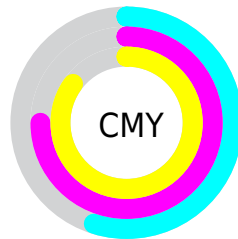
- Red (45%)
- Green (25%)
- Blue (15%)



- Red (45%)
- Yellow (31%)
- Blue (15%)



- Cyan (0%)
- Magenta (44%)
- Yellow (68%)
- Black (55%)



- Cyan (55%)
- Magenta (75%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0570, -19.7481, 34.1530 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 77.0570, -19.7481, 34.1530 by changing the saturation by 10% instead.

■ 77.0570, -19.7481,
34.1530

■ 77.0570, -19.7481,
34.1530

■ 255.0000, 0.0000,
0.0000

■ 53.0890, -18.2849,
31.4939

■ 126.9220,
-21.6535, 38.6564

■ 31.4630, -15.5113,
28.5349

■ 153.5910,
-22.9694, 40.7007

■ 11.9600, -5.8963,
24.5911

■ 181.0750,
-23.7010, 42.0302

■ 0.0000, 0.0000,
0.0000

■ 207.6620,
-23.9904, 41.5154

■ 227.1760,
-20.2998, 24.4016

■ 246.8040,

-16.1724, 7.1879

253.5180, -5.6784,
1.2997

77.0570, -19.7481,
34.1530

77.0570, -19.7481,
34.1530

71.5800, -22.9639,
38.9563

82.5340, -16.5323,
29.3497

65.6300, -25.4536,
44.1745

88.4840, -14.0426,
24.1315

60.1530, -28.6694,
48.9778

93.9610, -10.8268,
19.3282

58.7510, -28.9642,
50.2074

99.9110, -8.3371,
14.1101

105.3880, -5.1213,
9.3067

■ 111.4520, -2.1948,
3.9886

■ 116.8150, 0.5842,
-0.7148

■ 122.8790, 3.5107,
-6.0329

■ 128.2420, 6.2897,
-10.7362

Harmonies

Analogous

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



77.8590, -9.2975, 42.2197



77.0570, -19.7481, 34.1530



75.7640, -25.5197, 18.6240

Triad

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



77.0570, -19.7481, 34.1530



61.5110, 4.6781, -53.9451



78.0310, 23.1557, -7.0432

Complementary

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



77.0570, -19.7481, 34.1530



75.9430, 19.7481, -34.1530

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.



63.4270, 32.3275, -55.6255



77.0570, -19.7481, 34.1530



64.5890, 16.4716, -56.6446

Square

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



77.0570, -19.7481, 34.1530



68.8600, -11.2700, -25.3102



65.2220, 26.5126, -57.1997



80.5030, 14.0490, 20.6069

Rectangle

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



77.0570, -19.7481, 34.1530



74.0290, -24.1713, 6.1136



65.2220, 26.5126, -57.1997



75.9370, 25.6671, -19.2387

Sweetspot

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



77.0570, -19.7481, 34.1530



135.4270, -7.6055, 12.7805



66.4350, 10.6315, 43.4685



67.7900, -4.8265, 8.0772



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



77.0570, -19.7481, 34.1530



89.6050, -30.8643, 52.9664



99.9500, -31.0343, 14.0758



55.9680, -1.4632, 2.6591



61.7190, -30.4275, 52.8664



126.9930, -62.6075, 107.8771

Inverse Universe

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



75.9430, 19.7481, -34.1530



87.9820, 30.5749, -53.4812



53.0500, 31.0343, -14.0758



56.0320, 1.4632, -2.6591



60.2810, 30.4275, -52.8664



123.0070, 62.6075, -107.8771

Previews

White Background



This preview shows how the YUV color 77.0570, -19.7481, 34.1530 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 77.0570, -19.7481, 34.1530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

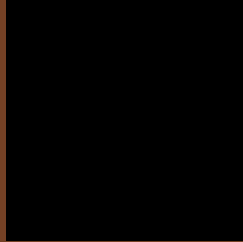
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0570, -19.7481, 34.1530

Background



This preview shows how black text looks on a background with the YUV color 77.0570, -19.7481, 34.1530.



This preview shows how white text looks on a background with the YUV color 77.0570, -19.7481,

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

77.0570, -19.7481, 34.1530

Protanopia

77.0600, -17.7776, 8.7174

Deuteranopia

77.0180, -20.7149, 17.5242



Tritanopia

79.2000, -6.5076, 34.0276

Trichromacy



Original Color

77.0570, -19.7481, 34.1530

Protanomaly

77.3000, -18.3889, 18.1539

Deuteranomaly

76.8770, -20.1524, 23.7869

Tritanomaly

78.2340, -11.4544, 33.9978

Monochromacy



Original Color

77.0570, -19.7481, 34.1530

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1280, -7.4581, 12.1657

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0570, -19.7481, 34.1530 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(116, 65, 37)` looks like.

```
.text, #text, p{  
    color:rgb(116, 65, 37)  
}
```

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(116, 65, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 65, 37) }
```

Border

The CSS property to change the border of an element to YUV 77.0570, -19.7481, 34.1530 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(116, 65, 37) }
```


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

```
.border{ border-color:rgb(116, 65, 37) }
```

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

Here you see how a box with a 4 pixel rgb(116, 65, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 65, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 65, 37);  
box-shadow:4px 4px 4px 4px rgb(116, 65,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 77.0570, -19.7481, 34.1530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 65, 37) }
```

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

```
.background{ background-color: rgb(116, 65,  
37) }
```

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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