

Converting Colors

YUV(77.1150, -14.3537,
30.5941)

Have a look what the booklet for
YUV(77.1150, -14.3537, 30.5941)
contains.

YUV(77.1150, -14.3537, 30.5941)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(77.1150, -14.3537,
30.5941)**

Conversions

Conversions Part 1

Format	Color
Hex	704130
RGB	112, 65, 48
RGB Percent	44%, 25%, 19%
CMY	0.5608, 0.7451, 0.8118
CMYK	0.00, 0.42, 0.57, 0.56
HSL	16°, 40%, 31%
HSV	16°, 57%, 44%
XYZ	9.1059, 7.4387, 3.7522
YIQ	77.1150, 33.4690, 4.6770

Conversions

Conversions Part 2

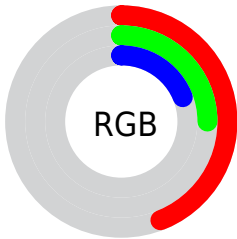
Format	Color
R_{YB}	112, 71, 48
Decimal	7356720
CIE Lab	32.79, 18.50, 19.03
CIE LCh	33, 26.543, 45.801
Yxy	7.4387, 0.4486, 0.3665
Android (android.graphics.Color)	4285546800 (0xFF704130)
YUV	77.1150, -14.3537, 30.5941
Hunter-Lab	27.2741, 11.8656, 10.9351

Details

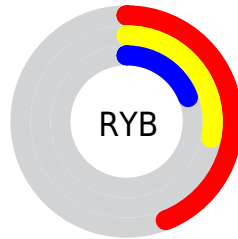
The YUV color **77.1150, -14.3537, 30.5941** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **82.8850, 14.3537, -30.5941**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.6810, -16.1117, 34.4828**, and **30.6800, -14.6322, 26.5906** is the 20% darker color. If you saturate the color by 10%, you get **71.1650, -16.8433, 35.8123**, and if you desaturate by 10%, it is **83.0650, -11.8640, 25.3760**.

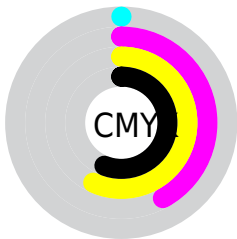
Distribution



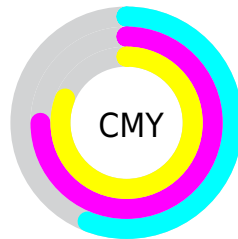
- Red (44%)
- Green (25%)
- Blue (19%)



- Red (44%)
- Yellow (28%)
- Blue (19%)



- Cyan (0%)
- Magenta (42%)
- Yellow (57%)
- Black (56%)



- Cyan (56%)
- Magenta (75%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.1150, -14.3537, 30.5941 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 77.1150, -14.3537, 30.5941 by changing the saturation by 10% instead.

■ 77.1150, -14.3537,
30.5941

■ 77.1150, -14.3537,
30.5941

255.0000, 0.0000,
0.0000

■ 53.4460, -13.0379,
28.5499

■ 126.6810,
-16.1117, 34.4828

■ 30.6800, -14.6322,
26.5906

■ 153.1650,
-16.8433, 35.8123

■ 11.3620, -5.6015,
23.3615

■ 180.6490,
-17.5750, 37.1418

■ 0.0000, 0.0000,
0.0000

■ 208.1330,
-18.3066, 38.4714

■ 228.6580,
-14.6214, 23.1019

■ 248.2860,

-10.4940, 5.8882

■ 77.1150, -14.3537,
30.5941

■ 77.1150, -14.3537,
30.5941

■ 71.1650, -16.8433,
35.8123

■ 83.0650, -11.8640,
25.3760

■ 65.2150, -19.3330,
41.0304

■ 89.0150, -9.3744,
20.1578

■ 58.5640, -21.9701,
46.8634

■ 95.6660, -6.7373,
14.3249

■ 52.6140, -24.4597,
52.0815

■ 101.6160, -4.2477,
9.1068

■ 51.0980, -25.1913,
53.4111

■ 107.5660, -1.7580,
3.8886

■ 113.5160, 0.7316,
-1.3295

■ 120.0530, 2.9319,
-7.0625

■ 126.1170, 5.8583,
-12.3806

■ 132.0670, 8.3480,
-17.5988

Harmonies

Analogous

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



77.8410, -5.3446, 34.3424



77.1150, -14.3537, 30.5941



75.6700, -19.5573, 19.5834

Triad

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



77.1150, -14.3537, 30.5941



65.4700, 0.2613, -37.2462



76.2000, 20.1144, -11.5764

Complementary

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



77.1150, -14.3537, 30.5941



82.8850, 14.3537, -30.5941

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.



65.3590, 25.4590, -45.9188



77.1150, -14.3537, 30.5941



61.6880, 12.9718, -54.1004

Square

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



77.1150, -14.3537, 30.5941



71.1110, -11.8867, -14.1293



62.6800, 21.8498, -54.9704



79.2200, 13.2025, 12.0851

Rectangle

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



77.1150, -14.3537, 30.5941



74.7890, -20.1090, 9.8320



62.6800, 21.8498, -54.9704



74.3020, 22.0361, -21.3129

Sweetspot

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



77.1150, -14.3537, 30.5941



131.6980, -5.2741, 11.6659



72.6080, 11.5323, 34.5468



65.8330, -3.3687, 7.1625



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



77.1150, -14.3537, 30.5941



90.7490, -22.5543, 47.5781



95.3120, -23.3248, 14.6354



52.9680, -1.4632, 2.6591



54.6640, -26.9494, 57.2997



112.5950, -55.5093, 117.8732

Inverse Universe

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



82.8850, 14.3537, -30.5941



99.8380, 22.2649, -48.0929



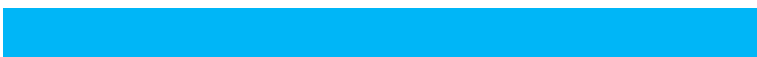
64.6880, 23.3248, -14.6354



53.6190, 1.1738, -3.1739



65.3360, 26.9494, -57.2997



134.9920, 55.2199, -118.3880

Previews

White Background



This preview shows how the YUV color 77.1150, -14.3537, 30.5941 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 77.1150, -14.3537, 30.5941 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

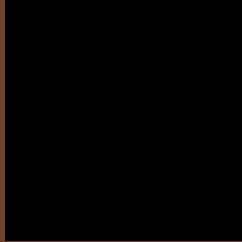
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.1150, -14.3537, 30.5941

Background



This preview shows how black text looks on a background with the YUV color 77.1150, -14.3537, 30.5941.



This preview shows how white text looks on a background with the YUV color 77.1150, -14.3537,

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

77.1150, -14.3537, 30.5941

Protanopia

76.9440, -11.8044, 6.1881

Deuteranopia

76.7880, -15.1785, 15.0949



Tritanopia

77.8190, -5.3338, 30.8537

Trichromacy



Original Color

77.1150, -14.3537, 30.5941

Protanomaly

76.7710, -12.7051, 15.1098

Deuteranomaly

77.2340, -14.9054, 20.8428

Tritanomaly

77.6080, -8.6807, 31.0388

Monochromacy



Original Color

77.1150, -14.3537, 30.5941

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2850, -5.5635, 11.1511

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.1150, -14.3537, 30.5941 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(112, 65, 48)` looks like.

```
.text, #text, p{  
    color:rgb(112, 65, 48)  
}
```

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(112, 65, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 65, 48) }
```

Border

The CSS property to change the border of an element to YUV 77.1150, -14.3537, 30.5941 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(112, 65, 48) }
```


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

```
.border{ border-color:rgb(112, 65, 48) }
```

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

Here you see how a box with a 4 pixel rgb(112, 65, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 65, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 65, 48);  
box-shadow:4px 4px 4px 4px rgb(112, 65,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 77.1150, -14.3537, 30.5941 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 65, 48) }
```

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

```
.background{ background-color: rgb(112, 65,  
48) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor