

Converting Colors

YUV(77.2550, -13.4367,
16.4394)

Have a look what the booklet for
YUV(77.2550, -13.4367, 16.4394)
contains.

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Color

**YUV(77.2550, -13.4367,
16.4394)**

Conversions

Conversions Part 1

Format	Color
Hex	604932
RGB	96, 73, 50
RGB Percent	38%, 29%, 20%
CMY	0.6235, 0.7137, 0.8039
CMYK	0.00, 0.24, 0.48, 0.62
HSL	30°, 32%, 29%
HSV	30°, 48%, 38%
XYZ	7.7821, 7.4822, 4.0517
YIQ	77.2550, 21.0910, -2.2770

Conversions

Conversions Part 2

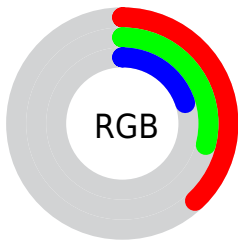
Format	Color
R_{YB}	96, 96, 50
Decimal	6310194
CIE _{Lab}	32.88, 6.42, 17.51
CIE _{LCh}	33, 18.647, 69.848
Yxy	7.4822, 0.4029, 0.3874
Android (android.graphics.Color)	4284500274 (0xFF604932)
YUV	77.2550, -13.4367, 16.4394
Hunter-Lab	27.3536, 2.9148, 10.3654

Details

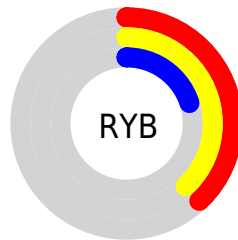
The YUV color **77.2550, -13.4367, 16.4394** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **68.7450, 13.4367, -16.4394**, and the grayscale version is **77.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **126.9240, -14.7525, 18.4837**, and **31.8310, -13.7207, 14.1802** is the 20% darker color. If you saturate the color by 10%, you get **73.1800, -16.3577, 20.0131**, and if you desaturate by 10%, it is **81.3300, -10.5157, 12.8656**.

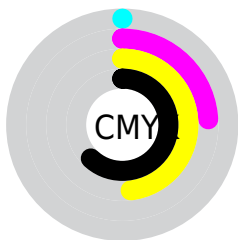
Distribution



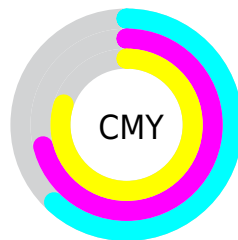
- Red (38%)
- Green (29%)
- Blue (20%)



- Red (38%)
- Yellow (38%)
- Blue (20%)



- Cyan (0%)
- Magenta (24%)
- Yellow (48%)
- Black (62%)



- Cyan (62%)
- Magenta (71%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.2550, -13.4367, 16.4394 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 77.2550, -13.4367, 16.4394 by changing the saturation by 10% instead.

■ 77.2550, -13.4367,
16.4394

■ 77.2550, -13.4367,
16.4394

255.0000, 0.0000,
0.0000

■ 54.4720, -12.5577,
14.4951

■ 126.9240,
-14.7525, 18.4837

■ 31.8310, -13.7207,
14.1802

■ 152.4080,
-15.4841, 19.8132

■ 10.4100, -5.1321,
12.7954

■ 179.5930,
-16.0683, 20.5279

■ 0.0000, 0.0000,
0.0000

■ 206.8920,
-16.2158, 21.1427

■ 233.5820,
-16.0629, 18.7836

■ 252.0360,

-11.3567, 2.5994

■ 77.2550, -13.4367,
16.4394

■ 77.2550, -13.4367,
16.4394

■ 73.1800, -16.3577,
20.0131

■ 81.3300, -10.5157,
12.8656

■ 69.2190, -18.8420,
23.4869

■ 85.2910, -8.0315,
9.3918

■ 65.7310, -22.0524,
26.5459

■ 88.7790, -4.8210,
6.3328

■ 61.7700, -24.5366,
30.0197

■ 92.7400, -2.3368,
2.8590

■ 57.6950, -27.4576,
33.5935

■ 96.8150, 0.5842,
-0.7148

■ 56.8800, -28.0418,
34.3082

■ 100.8900, 3.5052,
-4.2885

■ 104.8510, 5.9895,
-7.7623

■ 108.3390, 9.1999,
-10.8213

■ 112.3000, 11.6841,
-14.2951

Harmonies

Analogous

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



78.0370, -9.3852, 23.6466



77.2550, -13.4367, 16.4394



76.0750, -13.8410, 6.0732

Triad

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



77.2550, -13.4367, 16.4394



69.1100, 6.3548, -31.6685



79.0790, 10.3141, 5.1927

Complementary

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



77.2550, -13.4367, 16.4394



68.7450, 13.4367, -16.4394

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.



76.7180, 14.4360, -10.2767



77.2550, -13.4367, 16.4394



68.3250, 13.6438, -36.2420

Square

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



77.2550, -13.4367, 16.4394



72.1840, -2.5557, -20.3324



72.6620, 15.9426, -26.8906



79.8480, 4.0189, 17.6733

Rectangle

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



77.2550, -13.4367, 16.4394



74.8890, -11.7773, -2.5337



72.6620, 15.9426, -26.8906



78.8010, 11.9301, 0.1745

Sweetspot

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



77.2550, -13.4367, 16.4394



117.6650, -5.2578, 6.4328



66.3760, 3.2656, 25.9802



59.2240, -3.0684, 4.1886



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



77.2550, -13.4367, 16.4394



95.5460, -21.4682, 25.8312



90.7560, -20.0927, 4.5990



46.3700, -1.1684, 1.4295



66.3600, -32.7155, 40.0263



142.2000, -70.1046, 85.7706

Inverse Universe

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



68.7450, 13.4367, -16.4394



82.0410, 21.1788, -26.3460



55.2440, 20.0927, -4.5990



45.6300, 1.1684, -1.4295



45.6400, 32.7155, -40.0263



97.8000, 70.1046, -85.7706

Previews

White Background



This preview shows how the YUV color 77.2550, -13.4367, 16.4394 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 77.2550, -13.4367, 16.4394 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 77.2550, -13.4367, 16.4394

Background



This preview shows how black text looks on a background with the YUV color 77.2550, -13.4367, 16.4394.

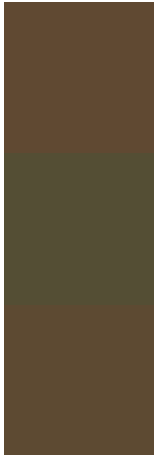


This preview shows how white text looks on a background with the YUV color 77.2550, -13.4367,

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

77.2550, -13.4367, 16.4394

Protanopia

76.8300, -12.2412, 6.2881

Deuteranopia

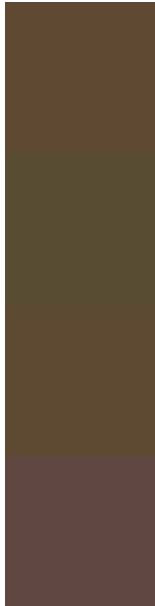
76.9450, -13.2839, 14.0802



Tritanopia

78.9420, -1.9434, 16.7139

Trichromacy



Original Color

77.2550, -13.4367, 16.4394

Protanomaly

76.7380, -12.6888, 9.8768

Deuteranomaly

77.2440, -13.4313, 14.6950

Tritanomaly

78.2040, -6.0166, 16.4841

Monochromacy



Original Color

77.2550, -13.4367, 16.4394

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.3660, -5.1104, 5.8180

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.2550, -13.4367, 16.4394 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(96, 73, 50)` looks like.

```
.text, #text, p{  
    color:rgb(96, 73, 50)  
}
```

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(96, 73, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 73, 50) }
```

Border

The CSS property to change the border of an element to YUV 77.2550, -13.4367, 16.4394 is called "border". The border property can be set on classes, ids or directly on the HTML element.

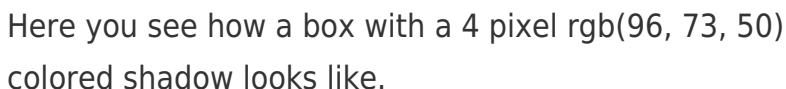
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 73, 50) }
```


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

```
.border{ border-color:rgb(96, 73, 50) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 73, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 73, 50); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 73, 50); box-shadow:4px 4px 4px 4px rgb(96, 73, 50) }
```

Background

The CSS property to change the background color of an element to YUV 77.2550, -13.4367, 16.4394 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 73, 50) }
```

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

```
.background{ background-color: rgb(96, 73,  
50) }
```

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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