

Converting Colors

YUV(77.7670, -13.1961,
32.6533)

Have a look what the booklet for
YUV(77.7670, -13.1961, 32.6533)
contains.

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Color

**YUV(77.7670, -13.1961,
32.6533)**

Conversions

Conversions Part 1

Format	Color
Hex	734033
RGB	115, 64, 51
RGB Percent	45%, 25%, 20%
CMY	0.5490, 0.7490, 0.8000
CMYK	0.00, 0.44, 0.56, 0.55
HSL	12°, 39%, 33%
HSV	12°, 56%, 45%
XYZ	9.5012, 7.5506, 4.0886
YIQ	77.7670, 34.5690, 6.7690

Conversions

Conversions Part 2

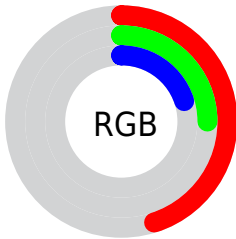
Format	Color
R_{YB}	115, 67, 51
Decimal	7553075
CIE Lab	33.03, 20.72, 17.56
CIE LCh	33, 27.159, 40.281
Yxy	7.5506, 0.4494, 0.3572
Android (android.graphics.Color)	4285743155 (0xFF734033)
YUV	77.7670, -13.1961, 32.6533
Hunter-Lab	27.4784, 13.6323, 10.4129

Details

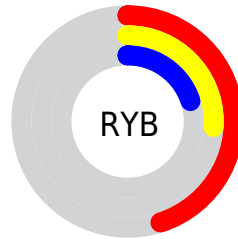
The YUV color **77.7670, -13.1961, 32.6533** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.2330, 13.1961, -32.6533**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **128.3330, -14.9542, 36.5420**, and **30.9730, -12.3117, 28.9647** is the 20% darker color. If you saturate the color by 10%, you get **71.2300, -15.3964, 38.3863**, and if you desaturate by 10%, it is **84.4180, -10.5591, 26.8204**.

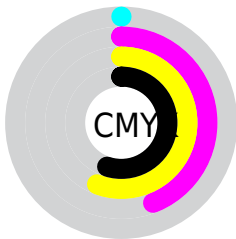
Distribution



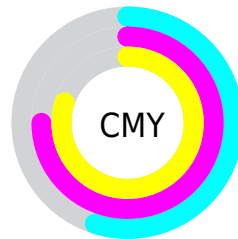
- Red (45%)
- Green (25%)
- Blue (20%)



- Red (45%)
- Yellow (26%)
- Blue (20%)



- Cyan (0%)
- Magenta (44%)
- Yellow (56%)
- Black (55%)



- Cyan (55%)
- Magenta (75%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.7670, -13.1961, 32.6533 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 77.7670, -13.1961, 32.6533 by changing the saturation by 10% instead.

■ 77.7670, -13.1961,
32.6533

■ 77.7670, -13.1961,
32.6533

■ 255.0000, 0.0000,
0.0000

■ 54.0980, -11.8803,
30.6091

■ 128.3330,
-14.9542, 36.5420

■ 30.9730, -12.3117,
28.9647

■ 154.1160,
-15.8332, 38.4863

■ 11.9600, -5.8963,
24.5911

■ 181.6000,
-16.5648, 39.8158

■ 0.0000, 0.0000,
0.0000

■ 208.8990,
-16.7122, 40.4306

■ 228.4130,
-13.0216, 23.3168

■ 248.6280, -9.1836,

5.5882

■ 77.7670, -13.1961,
32.6533

■ 77.7670, -13.1961,
32.6533

■ 71.2300, -15.3964,
38.3863

■ 84.4180, -10.5591,
26.8204

■ 64.5790, -18.0334,
44.2192

■ 90.9550, -8.3588,
21.0875

■ 58.0420, -20.2337,
49.9522

■ 97.6060, -5.7218,
15.2545

■ 50.8040, -22.5814,
56.2999

■ 104.7300, -3.8109,
9.0068

■ 47.8860, -23.6078,
58.8590

■ 111.3810, -1.1738,
3.1739

■ 117.9180, 1.0264,
-2.5591

■ 124.5690, 3.6635,
-8.3920

■ 131.1060, 5.8637,
-14.1250

■ 137.7570, 8.5008,
-19.9579

Harmonies

Analogous

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



78.5960, -3.7448, 34.5573



77.7670, -13.1961, 32.6533



76.3930, -19.4207, 22.4573

Triad

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



77.7670, -13.1961, 32.6533



67.6940, -2.8071, -33.0576



75.6230, 21.8779, -17.2094

Complementary

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



77.7670, -13.1961, 32.6533



88.2330, 13.1961, -32.6533

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.



62.7600, 27.2333, -55.0405



77.7670, -13.1961, 32.6533



61.9330, 11.3720, -54.3152

Square

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



77.7670, -13.1961, 32.6533



72.2640, -13.9342, -10.7555



63.6260, 20.3974, -55.8000



79.6540, 14.9606, 8.1964

Rectangle

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



77.7670, -13.1961, 32.6533



75.9850, -20.6986, 12.2912



63.6260, 20.3974, -55.8000



72.8990, 23.2208, -27.9754

Sweetspot

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



77.7670, -13.1961, 32.6533



135.4100, -5.1321, 12.7954



75.9500, 12.8426, 34.2468



67.5450, -3.2267, 8.2920



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.



77.7670, -13.1961, 32.6533



91.6400, -20.5285, 51.1817



96.5510, -22.4566, 16.1798



55.3810, -1.1738, 3.1739



51.1530, -25.2184, 62.1328



104.6870, -51.6107, 127.4395

Inverse Universe

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



88.2330, 13.1961, -32.6533



108.3600, 20.5285, -51.1817



69.4490, 22.4566, -16.1798



56.0320, 1.4632, -2.6591



71.4340, 24.9290, -62.6476



145.3130, 51.6107, -127.4395

Previews

White Background



This preview shows how the YUV color 77.7670, -13.1961, 32.6533 looks on a white background.

Color Contrast Check

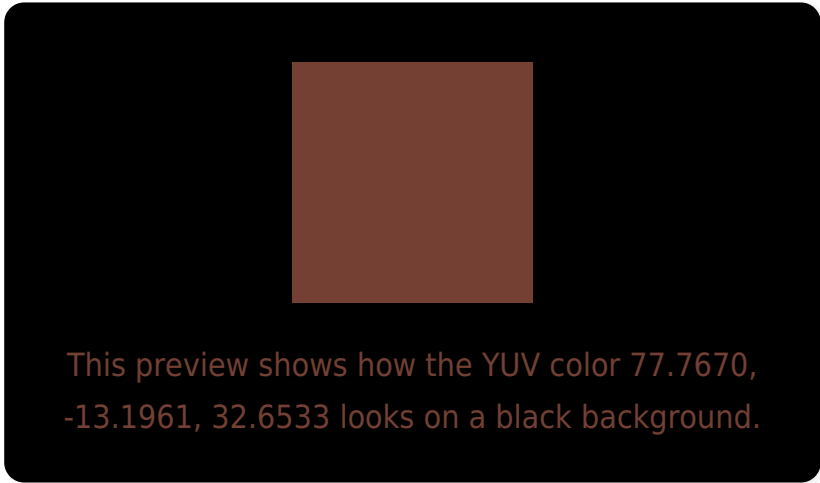
Large Text (above 18pt) WCAG AA ✓ Pass

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

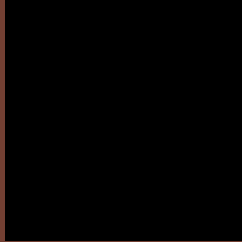
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.7670, -13.1961, 32.6533

Background



This preview shows how black text looks on a background with the YUV color 77.7670, -13.1961, 32.6533.

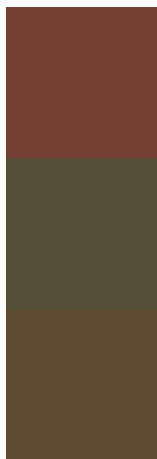


This preview shows how white text looks on a background with the YUV color 77.7670, -13.1961,

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

77.7670, -13.1961, 32.6533

Protanopia

77.4000, -10.0572, 5.7882

Deuteranopia

77.7170, -14.1575, 14.2802



Tritanopia

78.6020, -6.2128, 32.7980

Trichromacy



Original Color

77.7670, -13.1961, 32.6533

Protanomaly

77.5260, -11.1053, 15.3247

Deuteranomaly

77.8750, -13.7424, 21.1576

Tritanomaly

78.6190, -8.6862, 32.7831

Monochromacy



Original Color

77.7670, -13.1961, 32.6533

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

77.8120, -4.8373, 11.5659

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.7670, -13.1961, 32.6533 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(115, 64, 51)` looks like.

```
.text, #text, p{  
    color:rgb(115, 64, 51)  
}
```

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(115, 64, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 64, 51) }
```

Border

The CSS property to change the border of an element to YUV 77.7670, -13.1961, 32.6533 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(115, 64, 51) }
```


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

```
.border{ border-color:rgb(115, 64, 51) }
```

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

Here you see how a box with a 4 pixel rgb(115, 64, 51) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 64, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 64, 51);  
box-shadow:4px 4px 4px 4px rgb(115, 64,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 77.7670, -13.1961, 32.6533 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 64, 51) }
```

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

```
.background{ background-color: rgb(115, 64,  
51) }
```

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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