

Converting Colors

YUV(77.4860, -14.0436,
-22.3512)

Have a look what the booklet for
YUV(77.4860, -14.0436, -22.3512)
contains.

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Color

**YUV(77.4860, -14.0436,
-22.3512)**

Conversions

Conversions Part 1

Format	Color
Hex	346031
RGB	52, 96, 49
RGB Percent	20%, 38%, 19%
CMY	0.7961, 0.6235, 0.8078
CMYK	0.46, 0.00, 0.49, 0.62
HSL	116°, 32%, 28%
HSV	116°, 49%, 38%
XYZ	6.1534, 9.3176, 4.3799
YIQ	77.4860, -11.1370, -23.9450

Conversions

Conversions Part 2

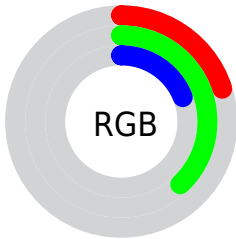
Format	Color
R_{YB}	49, 96, 93
Decimal	3432497
CIE _{Lab}	36.59, -25.91, 22.14
CIE _{LCh}	37, 34.080, 139.479
Yxy	9.3176, 0.3100, 0.4694
Android (android.graphics.Color)	4281622577 (0xFF346031)
YUV	77.4860, -14.0436, -22.3512
Hunter-Lab	30.5247, -17.4346, 12.8600

Details

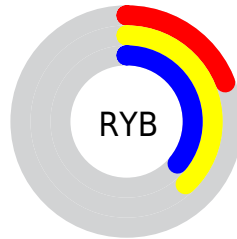
The YUV color **77.4860, -14.0436, -22.3512** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **67.5140, 14.0436, 22.3512**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7310, -15.6434, -22.5661**, and **29.7030, -13.1646, -24.2955** is the 20% darker color. If you saturate the color by 10%, you get **73.6550, -17.0849, -26.8844**, and if you desaturate by 10%, it is **81.3170, -11.0023, -17.8180**.

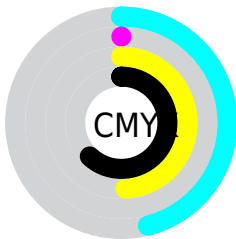
Distribution



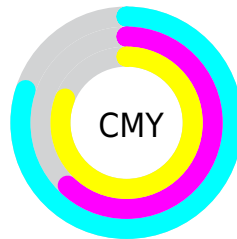
- Red (20%)
- Green (38%)
- Blue (19%)



- Red (19%)
- Yellow (38%)
- Blue (36%)



- Cyan (46%)
- Magenta (0%)
- Yellow (49%)
- Black (62%)



- Cyan (80%)
- Magenta (62%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.4860, -14.0436, -22.3512 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 77.4860, -14.0436, -22.3512 by changing the saturation by 10% instead.

■ 77.4860, -14.0436,
-22.3512

■ 77.4860, -14.0436,
-22.3512

255.0000, 0.0000,
0.0000

■ 53.7140, -13.1700,
-22.5512

■ 127.7310,
-15.6434, -22.5661

■ 29.7030, -13.1646,
-24.2955

■ 153.9050,
-16.2222, -23.5957

■ 17.6100, -8.6817,
-15.4440

■ 180.7910,
-16.6590, -23.4957

■ 0.0000, 0.0000,
0.0000

■ 208.3780,
-16.9484, -24.0105

■ 235.0900,
-16.8064, -22.8809

■ 247.0670, -8.4140,

-7.9518

■ 77.4860, -14.0436,
-22.3512

■ 77.4860, -14.0436,
-22.3512

■ 73.6550, -17.0849,
-26.8844

■ 81.3170, -11.0023,
-17.8180

■ 69.9380, -19.6894,
-31.5176

■ 85.0340, -8.3978,
-13.1848

■ 66.1070, -22.7308,
-36.0508

■ 88.8650, -5.3564,
-8.6516

■ 62.3900, -25.3353,
-40.6840

■ 92.5820, -2.7519,
-4.0184

■ 58.5590, -28.3766,
-45.2172

■ 96.4130, 0.2894,
0.5148

■ 58.1460, -28.6660,
-45.7320

■ 100.2440, 3.3307,
5.0480

■ 103.9610, 5.9352,
9.6812

■ 107.7920, 8.9765,
14.2144

■ 111.5090, 11.5811,
18.8476

Harmonies

Analogous

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



81.5940, -24.4498, 2.1101



77.4860, -14.0436, -22.3512



66.6630, 4.1101, -58.4635

Triad

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



77.4860, -14.0436, -22.3512



69.9640, 34.5277, -61.3584



85.8100, -8.2873, 44.8936

Complementary

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



77.4860, -14.0436, -22.3512



67.5140, 14.0436, 22.3512

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.



87.5070, 4.6800, 39.0204



77.4860, -14.0436, -22.3512



85.6820, 25.7928, -12.8761

Square

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



77.4860, -14.0436, -22.3512



71.4170, 27.4024, -62.6327



89.0620, 16.2384, 18.3626



85.3780, -19.9064, 38.2565

Rectangle

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



77.4860, -14.0436, -22.3512



69.4160, 12.1199, -60.8778



89.0620, 16.2384, 18.3626



86.2490, -4.0668, 44.5086

Sweetspot

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



77.4860, -14.0436, -22.3512



117.4520, -5.6458, -9.1664



88.8810, -19.6613, 6.2434



59.3430, -3.6201, -5.5628



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.



77.4860, -14.0436, -22.3512



95.9330, -22.1520, -35.0212



78.8690, -4.8654, -26.1951



46.3480, -1.1576, -2.0592



67.8370, -33.4436, -53.3540



145.3650, -71.6649, -114.3301

Inverse Universe

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



67.5140, 14.0436, 22.3512



80.0670, 22.1520, 35.0212



66.1310, 4.8654, 26.1951



45.6520, 1.1576, 2.0592



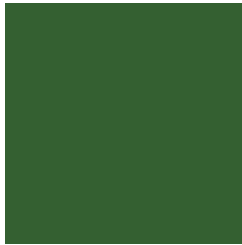
44.1630, 33.4436, 53.3540



94.3360, 71.8124, 113.7153

Previews

White Background



This preview shows how the YUV color 77.4860, -14.0436, -22.3512 looks on a white background.

Color Contrast Check

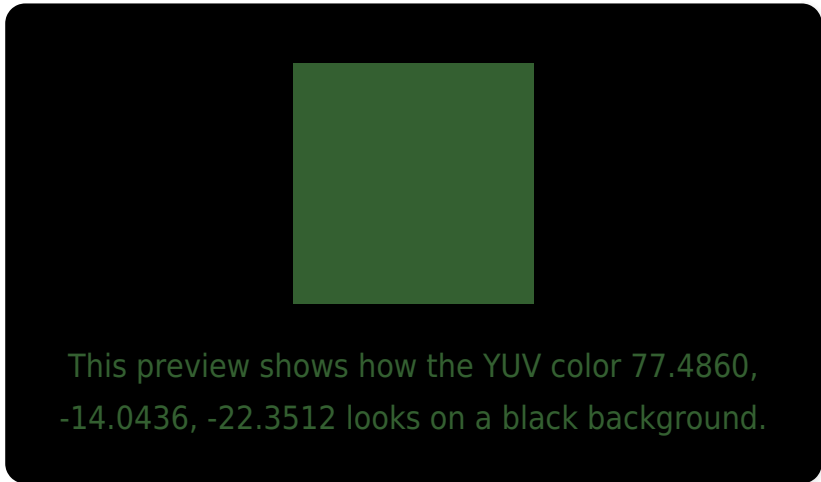
Large Text (above 18pt) WCAG AA ✓ Pass

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

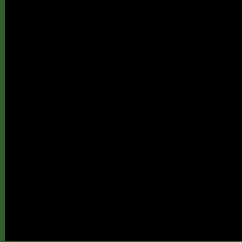
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.4860, -14.0436, -22.3512

Background



This preview shows how black text looks on a background with the YUV color 77.4860, -14.0436, -22.3512.



This preview shows how white text looks on a background with the YUV color 77.4860, -14.0436, -22.3512.

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

77.4860, -14.0436, -22.3512

Protanopia

84.0170, -19.2354, 9.6321

Deuteranopia

85.2720, -15.9101, 16.4245



Tritanopia

83.1270, 7.3324, -18.5284

Trichromacy



Original Color

77.4860, -14.0436, -22.3512

Protanomaly

81.6950, -17.5976, -2.3635

Deuteranomaly

82.4120, -14.9931, 2.2697

Tritanomaly

81.0530, -0.5191, -20.2175

Monochromacy



Original Color

77.4860, -14.0436, -22.3512

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.2780, -5.0671, -8.1368

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.4860, -14.0436, -22.3512 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(52, 96, 49)` looks like.

```
.text, #text, p{  
    color:rgb(52, 96, 49)  
}
```

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(52, 96, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 96, 49) }
```

Border

The CSS property to change the border of an element to YUV 77.4860, -14.0436, -22.3512 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(52, 96, 49) }
```


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

```
.border{ border-color:rgb(52, 96, 49) }
```

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

Here you see how a box with a 4 pixel rgb(52, 96, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 96, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 96, 49);  
box-shadow:4px 4px 4px 4px rgb(52, 96, 49)  
}
```

Background

The CSS property to change the background color of an element to YUV 77.4860, -14.0436, -22.3512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 96, 49) }
```

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

```
.background{ background-color: rgb(52, 96,  
49) }
```

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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