

Converting Colors

YUV(78.2460, -13.4323,
-31.7877)

Have a look what the booklet for
YUV(78.2460, -13.4323, -31.7877)
contains.

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Color

**YUV(78.2460, -13.4323,
-31.7877)**

Conversions

Conversions Part 1

Format	Color
Hex	2A6633
RGB	42, 102, 51
RGB Percent	16%, 40%, 20%
CMY	0.8353, 0.6000, 0.8000
CMYK	0.59, 0.00, 0.50, 0.60
HSL	129°, 42%, 28%
HSV	129°, 59%, 40%
XYZ	6.3038, 10.2340, 4.7751
YIQ	78.2460, -19.3890, -28.5810

Conversions

Conversions Part 2

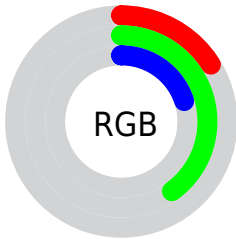
Format	Color
RYB	42, 94, 102
Decimal	2778675
CIELab	38.26, -31.49, 23.02
CIElCh	38, 39.003, 143.827
Yxy	10.2340, 0.2958, 0.4802
Android (android.graphics.Color)	4280968755 (0xFF2A6633)
YUV	78.2460, -13.4323, -31.7877
Hunter-Lab	31.9906, -20.8101, 13.5435

Details

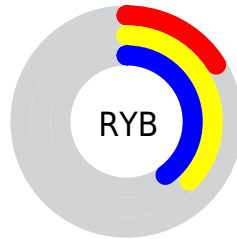
The YUV color **78.2460, -13.4323, -31.7877** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **65.7540, 13.4323, 31.7877**, and the grayscale version is **78.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.3770, -15.4689, -31.9026**, and **32.2680, -13.4431, -28.2990** is the 20% darker color. If you saturate the color by 10%, you get **74.2300, -15.8894, -37.0357**, and if you desaturate by 10%, it is **82.2620, -10.9752, -26.5398**.

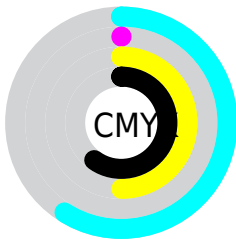
Distribution



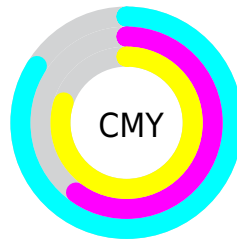
- Red (16%)
- Green (40%)
- Blue (20%)



- Red (16%)
- Yellow (37%)
- Blue (40%)



- Cyan (59%)
- Magenta (0%)
- Yellow (50%)
- Black (60%)



- Cyan (84%)
- Magenta (60%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.2460, -13.4323, -31.7877 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 78.2460, -13.4323, -31.7877 by changing the saturation by 10% instead.

■ 78.2460, -13.4323,
-31.7877

■ 78.2460, -13.4323,
-31.7877

255.0000, 0.0000,
0.0000

■ 52.9790, -11.8216,
-35.0616

■ 129.3770,
-15.4689, -31.9026

■ 32.2680, -13.4431,
-28.2990

■ 156.2630,
-15.9057, -31.8027

■ 19.9580, -9.8393,
-17.5032

■ 182.8500,
-16.1950, -32.3174

■ 0.0000, 0.0000,
0.0000

■ 211.2090,
-17.3580, -32.6323

■ 233.3390,
-14.4641, -27.4843

■ 244.9030, -6.3612,

-13.0699

■ 78.2460, -13.4323,
-31.7877

■ 78.2460, -13.4323,
-31.7877

■ 74.2300, -15.8894,
-37.0357

■ 82.2620, -10.9752,
-26.5398

■ 70.3280, -17.9097,
-42.3837

■ 86.1640, -8.9549,
-21.1918

■ 66.0130, -20.2194,
-48.2464

■ 90.4790, -6.6451,
-15.3291

■ 61.9970, -22.6765,
-53.4944

■ 94.4950, -4.1880,
-10.0811

■ 61.5840, -22.9659,
-54.0092

■ 98.3970, -2.1677,
-4.7332

■ 102.4130, 0.2894,
0.5148

■ 106.4290, 2.7465,
5.7628

■ 110.6300, 4.6194,
11.7255

■ 114.6460, 7.0765,
16.9735

Harmonies

Analogous

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



84.0620, -27.6386, -1.8084



78.2460, -13.4323, -31.7877



70.9830, 5.4314, -62.2521

Triad

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



78.2460, -13.4323, -31.7877



73.7940, 39.0486, -64.7173



88.4580, -11.0718, 51.3413

Complementary

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



78.2460, -13.4323, -31.7877



65.7540, 13.4323, 31.7877

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.



90.6220, 3.6374, 46.8125



78.2460, -13.4323, -31.7877



90.1000, 28.5447, -8.8577

Square

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



78.2460, -13.4323, -31.7877



75.9480, 32.0706, -66.6064



92.7470, 17.3797, 25.6549



88.2490, -24.2798, 41.0006

Rectangle

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



78.2460, -13.4323, -31.7877



73.4910, 15.0409, -64.4516



92.7470, 17.3797, 25.6549



89.4240, -6.1250, 51.3712

Sweetspot

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



78.2460, -13.4323, -31.7877



123.4300, -5.6350, -12.6551



92.4690, -24.8812, 0.4657



60.4460, -3.1779, -7.4071



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



78.2460, -13.4323, -31.7877



95.4750, -20.9402, -50.4056



81.6660, -0.3283, -34.7871



49.0490, -1.0102, -2.6740



69.4430, -25.8544, -60.9015



146.1580, -54.3079, -128.1806

Inverse Universe

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



65.7540, 13.4323, 31.7877



75.5250, 20.9402, 50.4056



62.3340, 0.3283, 34.7871



47.9510, 1.0102, 2.6740



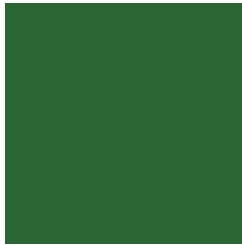
45.5570, 25.8544, 60.9015



95.8420, 54.3079, 128.1806

Previews

White Background



This preview shows how the YUV color 78.2460, -13.4323, -31.7877 looks on a white background.

Color Contrast Check

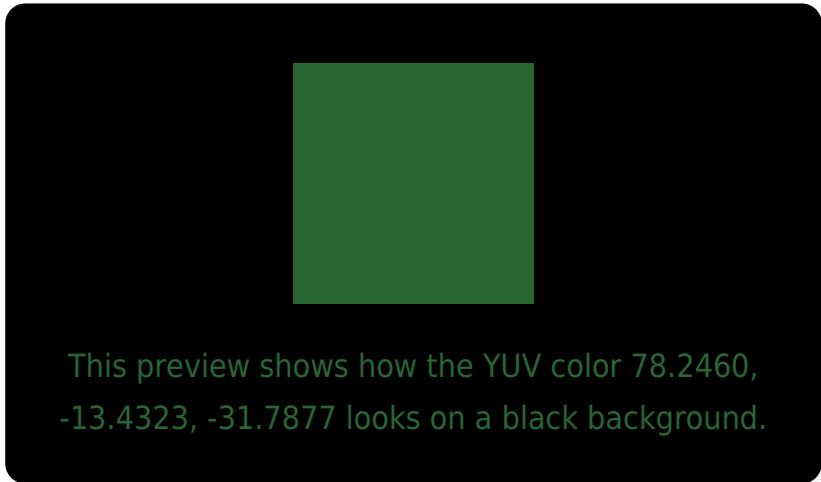
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

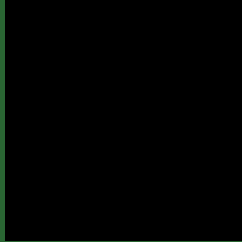
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 78.2460, -13.4323, -31.7877

Background



This preview shows how black text looks on a background with the YUV color 78.2460, -13.4323, -31.7877.



This preview shows how white text looks on a background with the YUV color 78.2460, -13.4323, -31.7877.

-31.7877.

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

78.2460, -13.4323, -31.7877

Protanopia

87.7890, -20.1090, 9.8320

Deuteranopia

89.3430, -16.9311, 17.2392



Tritanopia

84.9520, 9.3907, -25.3909

Trichromacy



Original Color

78.2460, -13.4323, -31.7877

Protanomaly

83.9720, -17.7342, -5.2374

Deuteranomaly

85.5750, -15.5665, -0.5043

Tritanomaly

82.4650, 1.2498, -27.5948

Monochromacy



Original Color

78.2460, -13.4323, -31.7877

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.2560, -5.0562, -11.6255

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.2460, -13.4323, -31.7877 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(42, 102, 51)` looks like.

```
.text, #text, p{  
    color:rgb(42, 102, 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(42, 102, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 102, 51) }
```

Border

The CSS property to change the border of an element to YUV 78.2460, -13.4323, -31.7877 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(42, 102, 51) }
```


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

```
.border{ border-color:rgb(42, 102, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 102, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 102, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 102, 51);  
box-shadow:4px 4px 4px 4px rgb(42, 102,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 78.2460, -13.4323, -31.7877 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 102, 51) }
```

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

```
.background{ background-color: rgb(42, 102,  
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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