

Converting Colors

YUV(78.4070, -27.3157,
34.7231)

Have a look what the booklet for
YUV(78.4070, -27.3157, 34.7231)
contains.

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Color

**YUV(78.4070, -27.3157,
34.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	764517
RGB	118, 69, 23
RGB Percent	46%, 27%, 9%
CMY	0.5373, 0.7294, 0.9098
CMYK	0.00, 0.42, 0.81, 0.54
HSL	29°, 67%, 28%
HSV	29°, 81%, 46%
XYZ	9.7540, 8.1697, 1.8734
YIQ	78.4070, 43.9700, -3.9180

Conversions

Conversions Part 2

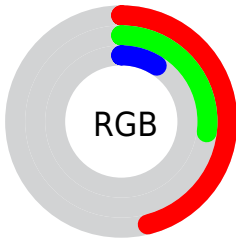
Format	Color
R_{YB}	118, 112, 23
Decimal	7750935
CIE _{Lab}	34.33, 17.14, 35.15
CIE _{LCh}	34, 39.104, 64.011
Yxy	8.1697, 0.4927, 0.4127
Android (android.graphics.Color)	4285941015 (0xFF764517)
YUV	78.4070, -27.3157, 34.7231
Hunter-Lab	28.5826, 10.8946, 16.1217

Details

The YUV color **78.4070, -27.3157, 34.7231** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **62.5930, 27.3157, -34.7231**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.1580, -29.6579, 39.3264**, and **34.1100, -16.8162, 27.0905** is the 20% darker color. If you saturate the color by 10%, you get **73.5170, -30.8209, 39.0116**, and if you desaturate by 10%, it is **83.2970, -23.8104, 30.4345**.

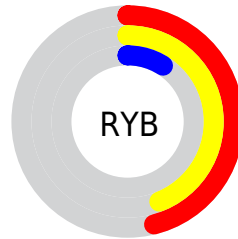
Distribution



Red (46%)

Green (27%)

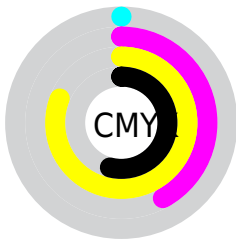
Blue (9%)



Red (46%)

Yellow (44%)

Blue (9%)

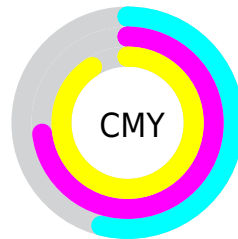


Cyan (0%)

Magenta (42%)

Yellow (81%)

Black (54%)



Cyan (54%)

Magenta (73%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 78.4070, -27.3157, 34.7231 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 78.4070, -27.3157, 34.7231 by changing the saturation by 10% instead.

■ 78.4070, -27.3157,
34.7231

■ 78.4070, -27.3157,
34.7231

255.0000, 0.0000,
0.0000

■ 54.2110, -26.7260,
32.2640

■ 129.1580,
-29.6579, 39.3264

■ 34.1100, -16.8162,
27.0905

■ 155.3540,
-30.2475, 41.7855

■ 13.1340, -6.4751,
23.5615

■ 182.7240,
-31.4159, 43.2151


■ 0.0000, 0.0000,
0.0000


■ 208.4140,
-31.2631, 40.8559


■ 227.9280,
-27.5725, 23.7421


■ 248.0290,


-24.1713, 6.1136


 251.9220,
-11.7935, 2.6994


 78.4070, -27.3157,
34.7231


 78.4070, -27.3157,
34.7231


 73.5170, -30.8209,
39.0116


 83.2970, -23.8104,
30.4345

 68.7410, -33.8893,
43.2001

 88.1870, -20.3052,
26.1460

 92.9630, -17.2368,
21.9574

 97.8530, -13.7315,
17.6689

 102.7430,
-10.2263, 13.3804

■ 108.2200, -7.0105,
8.5771

■ 113.1100, -3.5052,
4.2885

■ 117.8860, -0.4368,
0.1000

■ 122.7760, 3.0684,
-4.1886

Harmonies

Analogous

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



78.9970, -15.2815, 48.2376



78.4070, -27.3157, 34.7231



76.4940, -32.7815, 14.4758

Triad

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



78.4070, -27.3157, 34.7231



65.9280, 8.9095, -57.8189



82.8520, 24.7230, 3.6378

Complementary

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



78.4070, -27.3157, 34.7231



62.5930, 27.3157, -34.7231

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.



65.6210, 38.1478, -55.7956



78.4070, -27.3157, 34.7231



68.8750, 22.7396, -60.4034

Square

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



78.4070, -27.3157, 34.7231



61.1060, -4.4893, -53.5900



68.9210, 33.0699, -60.4437



82.3630, 13.1320, 34.7616

Rectangle

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



78.4070, -27.3157, 34.7231



74.0620, -27.6386, -1.8084



68.9210, 33.0699, -60.4437



80.6870, 28.2553, -9.3725

Sweetspot

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



78.4070, -27.3157, 34.7231



137.6290, -10.6631, 13.4804



56.9910, 7.3994, 53.5049



67.3340, -6.5737, 8.4771



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.



78.4070, -27.3157, 34.7231



90.9290, -42.3630, 54.4363



105.9960, -40.9170, 10.5275



56.5550, -1.7526, 2.1443



71.1110, -35.0577, 44.6297



145.7770, -71.8681, 91.4036

Inverse Universe

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



62.5930, 27.3157, -34.7231



66.4840, 42.6524, -53.9215



35.0040, 40.9170, -10.5275



55.4450, 1.7526, -2.1443



50.8890, 35.0577, -44.6297



104.2230, 71.8681, -91.4036

Previews

White Background



This preview shows how the YUV color 78.4070, -27.3157, 34.7231 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 78.4070, -27.3157, 34.7231 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 78.4070, -27.3157, 34.7231

Background



This preview shows how black text looks on a background with the YUV color 78.4070, -27.3157, 34.7231.



This preview shows how white text looks on a background with the YUV color 78.4070, -27.3157,

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

78.4070, -27.3157, 34.7231

Protanopia

77.7200, -25.4980, 11.6466

Deuteranopia

77.9770, -28.5827, 21.0682



Tritanopia

81.9010, -6.3602, 33.4128

Trichromacy



Original Color

78.4070, -27.3157, 34.7231

Protanomaly

78.2480, -26.2513, 19.9535

Deuteranomaly

78.1240, -28.1621, 26.2013

Tritanomaly

80.2510, -13.9277, 33.9829

Monochromacy



Original Color

78.4070, -27.3157, 34.7231

Achromatopsia

78.0000, 0.0000, 0.0000

Achromatomaly

78.4440, -10.0789, 12.7656

CSS Examples

Text

The CSS property to change the color of the text to YUV 78.4070, -27.3157, 34.7231 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(118, 69, 23)` looks like.

```
.text, #text, p{  
    color:rgb(118, 69, 23)  
}
```

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(118, 69, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 69, 23) }
```

Border

The CSS property to change the border of an element to YUV 78.4070, -27.3157, 34.7231 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(118, 69, 23) }
```


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

```
.border{ border-color:rgb(118, 69, 23) }
```

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

Here you see how a box with a 4 pixel rgb(118, 69, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 69, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 69, 23);  
box-shadow:4px 4px 4px 4px rgb(118, 69,  
23) }
```

Background

The CSS property to change the background color of an element to YUV 78.4070, -27.3157, 34.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 69, 23) }
```

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

```
.background{ background-color: rgb(118, 69,  
23) }
```

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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