

Converting Colors

YUV(67.2160, -0.5995, 52.4306)

Have a look what the booklet for
YUV(67.2160, -0.5995, 52.4306)
contains.

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Color

**YUV(67.2160, -0.5995,
52.4306)**

Conversions

Conversions Part 1

Format	Color
Hex	7F2542
RGB	127, 37, 66
RGB Percent	50%, 15%, 26%
CMY	0.5020, 0.8549, 0.7412
CMYK	0.00, 0.71, 0.48, 0.50
HSL	341°, 55%, 32%
HSV	341°, 71%, 50%
XYZ	10.3973, 6.2285, 5.8085
YIQ	67.2160, 44.3310, 28.0990

Conversions

Conversions Part 2

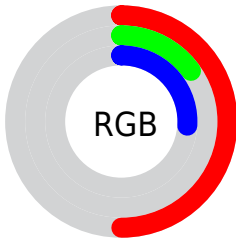
Format	Color
R_{YB}	127, 37, 66
Decimal	8332610
CIE _{Lab}	29.98, 40.93, 3.99
CIE _{LCh}	30, 41.125, 5.568
Yxy	6.2285, 0.4635, 0.2776
Android (android.graphics.Color)	4286522690 (0xFF7F2542)
YUV	67.2160, -0.5995, 52.4306
Hunter-Lab	24.9570, 30.6902, 3.6708

Details

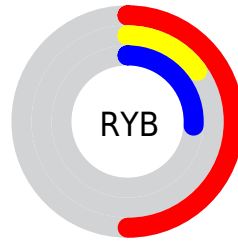
The YUV color **67.2160, -0.5995, 52.4306** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **96.7840, 0.5995, -52.4306**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9560, -2.9363, 55.2896**, and **24.5630, -0.2776, 42.4792** is the 20% darker color. If you saturate the color by 10%, you get **58.5590, -0.7686, 60.0228**, and if you desaturate by 10%, it is **75.8730, -0.4304, 44.8384**.

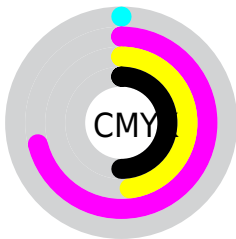
Distribution



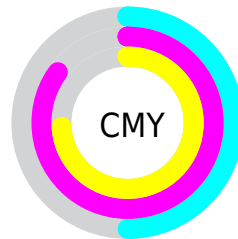
- Red (50%)
- Green (15%)
- Blue (26%)



- Red (50%)
- Yellow (15%)
- Blue (26%)



- Cyan (0%)
- Magenta (71%)
- Yellow (48%)
- Black (50%)



- Cyan (50%)
- Magenta (85%)
- Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2160, -0.5995, 52.4306 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 67.2160, -0.5995, 52.4306 by changing the saturation by 10% instead.

67.2160, -0.5995,
52.4306

67.2160, -0.5995,
52.4306

255.0000, 0.0000,
0.0000

37.8510, 3.0315,
54.5047

119.9560, -2.9363,
55.2896

24.5630, -0.2776,
42.4792

146.7390, -3.8153,
57.2339

15.4770, -6.6442,
31.1537

173.9350, -4.4050,
59.6930

0.0000, 0.0000,
0.0000

196.7490, -2.3413,
51.0861

216.3770, 1.7861,
33.8724

236.7060, 6.0609,

16.0438

254.4130, 0.2894,
0.5148

■ 67.2160, -0.5995,
52.4306

■ 67.2160, -0.5995,
52.4306

■ 58.5590, -0.7686,
60.0228

■ 75.8730, -0.4304,
44.8384

■ 50.6030, -0.7903,
67.0002

■ 83.8290, -0.4087,
37.8610

■ 42.6470, -0.8120,
73.9776

■ 92.4860, -0.2396,
30.2688

■ 101.0290, -0.5073,
22.7766

■ 109.6860, -0.3382,
15.1844

■ 117.7560, 0.1203,
8.1070

■ 126.2990, -0.1474,
0.6148

■ 134.9560, 0.0217,
-6.9774

■ 142.9120, 0.0434,
-13.9548

Harmonies

Analogous

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



70.7870, 13.4160, 37.0208



67.2160, -0.5995, 52.4306



67.1820, -15.8657, 48.9524

Triad

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



67.2160, -0.5995, 52.4306



61.6800, -24.9852, -12.8744



62.2530, 32.9063, -54.5959

Complementary

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



67.2160, -0.5995, 52.4306



96.7840, 0.5995, -52.4306

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.



62.0930, 22.1392, -54.4556



67.2160, -0.5995, 52.4306



54.2100, -5.5265, -47.5422

Square

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



67.2160, -0.5995, 52.4306



65.5970, -32.3393, 12.6314



58.5590, 8.5984, -51.3562



58.2410, 37.8422, -51.0774

Rectangle

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



67.2160, -0.5995, 52.4306



67.3090, -25.2953, 40.0710



58.5590, 8.5984, -51.3562



62.7430, 29.7067, -55.0256

Sweetspot

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



67.2160, -0.5995, 52.4306



142.7190, -0.3545, 20.4174



65.2000, 30.4674, 27.8886



70.0770, -0.0380, 12.2105



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000

Same Dimension

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



67.2160, -0.5995, 52.4306



72.2890, -1.1285, 82.1845



72.7150, -17.6075, 47.6079



59.3210, -0.1583, 4.1035



42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Inverse Universe

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



67.2160, -0.5995, 52.4306



72.2890, -1.1285, 82.1845



91.2850, 17.6075, -47.6079



59.3210, -0.1583, 4.1035



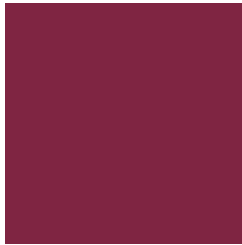
42.9460, -0.9594, 74.5924



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.2160, -0.5995, 52.4306 looks on a white background.

Color Contrast Check

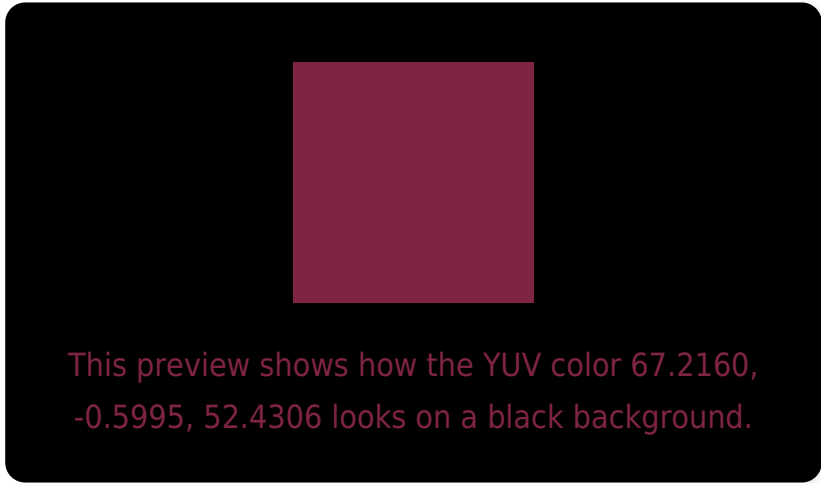
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.2160, -0.5995, 52.4306

Background



This preview shows how black text looks on a background with the YUV color 67.2160, -0.5995, 52.4306.



This preview shows how white text looks on a background with the YUV color 67.2160, -0.5995,

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

67.2160, -0.5995, 52.4306

Protanopia

71.9980, 6.4100, -2.6292

Deuteranopia

72.0890, -4.9739, 8.6919



Tritanopia

67.3440, -11.5086, 51.4413

Trichromacy



Original Color

67.2160, -0.5995, 52.4306

Protanomaly

70.4350, 3.7295, 17.1585

Deuteranomaly

69.9430, -3.4229, 24.6060

Tritanomaly

67.0820, -7.4354, 51.6711

Monochromacy



Original Color

67.2160, -0.5995, 52.4306

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.1210, -0.0597, 19.1879

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2160, -0.5995, 52.4306 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(127, 37, 66)` looks like.

```
.text, #text, p{  
    color:rgb(127, 37, 66)  
}
```

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(127, 37, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 37, 66) }
```

Border

The CSS property to change the border of an element to YUV 67.2160, -0.5995, 52.4306 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(127, 37, 66) }
```


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

```
.border{ border-color:rgb(127, 37, 66) }
```

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

Here you see how a box with a 4 pixel rgb(127, 37, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 37, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 37, 66);  
box-shadow:4px 4px 4px 4px rgb(127, 37,  
66) }
```

Background

The CSS property to change the background color of an element to YUV 67.2160, -0.5995, 52.4306 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 37, 66) }
```

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

```
.background{ background-color: rgb(127, 37,  
66) }
```

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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