

Converting Colors

YUV(67.5480, -20.9762,
54.7704)

Have a look what the booklet for
YUV(67.5480, -20.9762, 54.7704)
contains.

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Color

**YUV(67.5480, -20.9762,
54.7704)**

Conversions

Conversions Part 1

Format	Color
Hex	822C19
RGB	130, 44, 25
RGB Percent	51%, 17%, 10%
CMY	0.4902, 0.8275, 0.9020
CMYK	0.00, 0.66, 0.81, 0.49
HSL	11°, 68%, 30%
HSV	11°, 81%, 51%
XYZ	10.2821, 6.6174, 1.6551
YIQ	67.5480, 57.3550, 12.3230

Conversions

Conversions Part 2

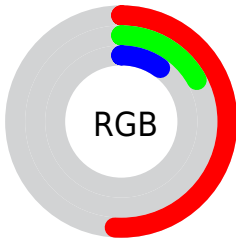
Format	Color
R_{YB}	130, 48, 25
Decimal	8530969
CIE _{Lab}	30.92, 36.00, 31.35
CIE _{LCh}	31, 47.741, 41.051
Yxy	6.6174, 0.5542, 0.3566
Android (android.graphics.Color)	4286721049 (0xFF822C19)
YUV	67.5480, -20.9762, 54.7704
Hunter-Lab	25.7243, 26.3296, 14.1924

Details

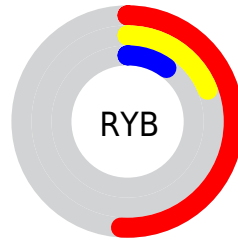
The YUV color **67.5480, -20.9762, 54.7704** is a dark color, and the websafe version is hex **993333**. A complement of this color would be **87.4520, 20.9762, -54.7704**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.6690, -24.4868, 60.8033**, and **21.8270, -10.7607, 44.8787** is the 20% darker color. If you saturate the color by 10%, you get **59.6090, -23.4712, 61.7329**, and if you desaturate by 10%, it is **75.4870, -18.4811, 47.8079**.

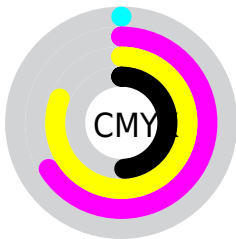
Distribution



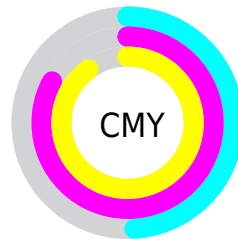
- Red (51%)
- Green (17%)
- Blue (10%)



- Red (51%)
- Yellow (19%)
- Blue (10%)



- Cyan (0%)
- Magenta (66%)
- Yellow (81%)
- Black (49%)



- Cyan (49%)
- Magenta (83%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.5480, -20.9762, 54.7704 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 67.5480, -20.9762, 54.7704 by changing the saturation by 10% instead.

■ 67.5480, -20.9762,
54.7704

■ 67.5480, -20.9762,
54.7704

255.0000, 0.0000,
0.0000

■ 41.0640, -20.2446,
53.4409

■ 119.6690,
-24.4868, 60.8033

■ 21.8270, -10.7607,
44.8787

■ 146.6370,
-25.9500, 63.4624

■ 14.7650, -6.7861,
30.0241

■ 173.7190,
-26.9765, 66.0214

■ 0.0000, 0.0000,
0.0000

■ 194.2120,
-24.7545, 53.3111

■ 213.7260,
-21.0639, 36.1973

■ 233.8270,

-17.6627, 18.5687

■ 251.8080,
-12.2303, 2.7994

■ 67.5480, -20.9762,
54.7704

■ 67.5480, -20.9762,
54.7704

■ 59.6090, -23.4712,
61.7329

■ 75.4870, -18.4811,
47.8079

■ 52.9580, -26.1083,
67.5658

■ 82.8390, -15.6966,
41.3602

■ 90.7780, -13.2016,
34.3977

■ 98.7170, -10.7065,
27.4352

■ 106.0690, -7.9220,
20.9875

■ 114.0080, -5.4269,
14.0250

■ 121.9470, -2.9319,
7.0625

■ 129.2990, -0.1474,
0.6148

■ 137.2380, 2.3477,
-6.3477

Harmonies

Analogous

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



65.2390, -2.0898, 63.8114



67.5480, -20.9762, 54.7704



68.6860, -33.8622, 34.4784

Triad

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



67.5480, -20.9762, 54.7704



57.0140, -4.9369, -50.0013



59.6090, 43.0838, -52.2771

Complementary

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



67.5480, -20.9762, 54.7704



87.4520, 20.9762, -54.7704

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.



65.1370, 38.8795, -57.1251



67.5480, -20.9762, 54.7704



62.0470, 11.8088, -54.4152

Square

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



67.5480, -20.9762, 54.7704



59.7450, -26.9893, -23.4554



65.4500, 27.3861, -57.3997



74.9010, 27.1638, 14.1188

Rectangle

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



67.5480, -20.9762, 54.7704



68.5760, -33.8080, 17.0348



65.4500, 27.3861, -57.3997



62.0710, 42.3630, -54.4363

Sweetspot

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



67.5480, -20.9762, 54.7704



144.0690, -7.9220, 20.9875



66.3130, 22.5237, 55.8535



69.5240, -4.6953, 12.6955



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.



67.5480, -20.9762, 54.7704



71.3470, -32.7091, 84.7647



97.4850, -35.7351, 28.5157



60.2670, -1.6106, 3.2738



51.7730, -25.5241, 66.8511



0.0000, 0.0000, 0.0000

Inverse Universe

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



87.4520, 20.9762, -54.7704



102.2400, 32.4197, -85.2795



57.5150, 35.7351, -28.5157



61.3200, 1.3212, -3.7886



75.6400, 25.8135, -66.3363



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.5480, -20.9762, 54.7704 looks on a white background.

Color Contrast Check

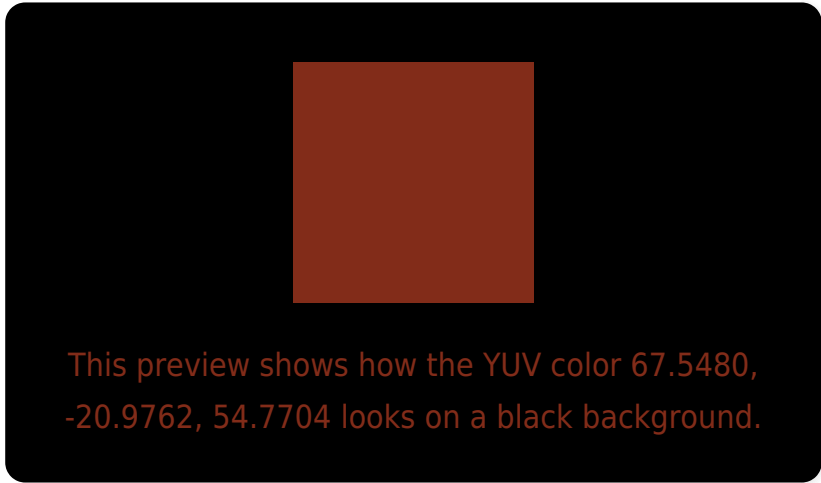
Large Text (above 18pt) WCAG AA ✓ Pass

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

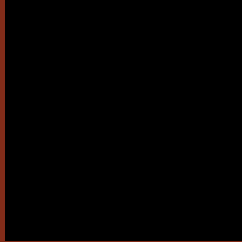
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5480, -20.9762, 54.7704

Background



This preview shows how black text looks on a background with the YUV color 67.5480, -20.9762, 54.7704.



This preview shows how white text looks on a background with the YUV color 67.5480, -20.9762,

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

67.5480, -20.9762, 54.7704

Protanopia

71.7180, -19.0880, 9.0173

Deuteranopia

70.8350, -26.5407, 19.4387



Tritanopia

68.8390, -12.2456, 54.5152

Trichromacy



Original Color

67.5480, -20.9762, 54.7704

Protanomaly

70.0020, -19.7210, 25.4312

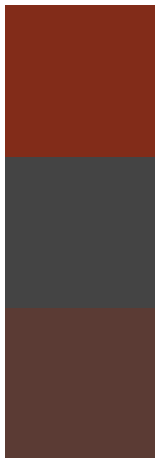
Deuteranomaly

69.7810, -24.5420, 31.7641

Tritanomaly

68.6280, -15.5926, 54.7002

Monochromacy



Original Color

67.5480, -20.9762, 54.7704

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

67.7700, -7.7746, 20.3727

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5480, -20.9762, 54.7704 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(130, 44, 25)` looks like.

```
.text, #text, p{  
    color:rgb(130, 44, 25)  
}
```

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(130, 44, 25) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 44, 25) }
```

Border

The CSS property to change the border of an element to YUV 67.5480, -20.9762, 54.7704 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(130, 44, 25) }
```


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

```
.border{ border-color:rgb(130, 44, 25) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 44, 25)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 44, 25); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 44, 25);  
box-shadow:4px 4px 4px 4px rgb(130, 44,  
25) }
```

Background

The CSS property to change the background color of an element to YUV 67.5480, -20.9762, 54.7704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 44, 25) }
```

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

```
.background{ background-color: rgb(130, 44,  
25) }
```

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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