

Converting Colors

YUV(67.5820, -25.9229,
54.7406)

Have a look what the booklet for
YUV(67.5820, -25.9229, 54.7406)
contains.

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Color

**YUV(67.5820, -25.9229,
54.7406)**

Conversions

Conversions Part 1

Format	Color
Hex	822E0F
RGB	130, 46, 15
RGB Percent	51%, 18%, 6%
CMY	0.4902, 0.8196, 0.9412
CMYK	0.00, 0.65, 0.88, 0.49
HSL	16°, 79%, 28%
HSV	16°, 88%, 51%
XYZ	10.2691, 6.7343, 1.2105
YIQ	67.5820, 60.0150, 8.1670

Conversions

Conversions Part 2

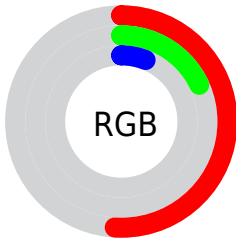
Format	Color
RYB	130, 57, 15
Decimal	8531471
CIELab	31.19, 34.72, 36.73
CIELCh	31, 50.543, 46.614
Yxy	6.7343, 0.5638, 0.3697
Android (android.graphics.Color)	4286721551 (0xFF822E0F)
YUV	67.5820, -25.9229, 54.7406
Hunter-Lab	25.9505, 25.2225, 15.3996

Details

The YUV color **67.5820, -25.9229, 54.7406** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **77.4180, 25.9229, -54.7406**, and the grayscale version is **68.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.8170, -28.9968, 60.6735**, and **21.8270, -10.7607, 44.8787** is the 20% darker color. If you saturate the color by 10%, you get **60.8170, -28.9968, 60.6735**, and if you desaturate by 10%, it is **74.3470, -22.8491, 48.8077**.

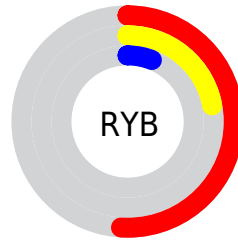
Distribution



Red (51%)

Green (18%)

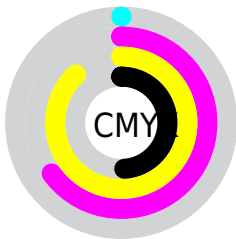
Blue (6%)



Red (51%)

Yellow (22%)

Blue (6%)

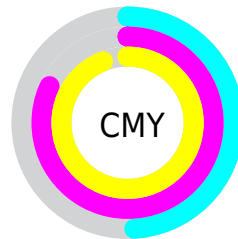


Cyan (0%)

Magenta (65%)

Yellow (88%)

Black (49%)



Cyan (49%)


Magenta (82%)


Yellow (94%)

Brightness & Saturation Gradients


These gradients show how the YUV color 67.5820, -25.9229, 54.7406 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 67.5820, -25.9229, 54.7406 by changing the saturation by 10% instead.


 67.5820, -25.9229,
54.7406

 67.5820, -25.9229,
54.7406


 253.8600, -4.3680,
0.9998

 42.2380, -20.8233,
52.4113

 119.8170,
-28.9968, 60.6735

 21.8270, -10.7607,
44.8787


 146.0840,
-30.6074, 63.9473

 14.4660, -6.6387,
29.4093

 174.0520,
-32.0706, 66.6064


 0.0000, 0.0000,
0.0000


 194.3600,
-29.2645, 53.1813


 213.7600,
-26.0107, 36.1675


 233.3880,


-21.8833, 18.9537


 250.6680,
-16.5983, 3.7992


 67.5820, -25.9229,
54.7406


 67.5820, -25.9229,
54.7406


 60.8170, -28.9968,
60.6735


 74.3470, -22.8491,
48.8077

 59.4150, -29.2916,
61.9030

 81.6990, -20.0646,
42.3600

 88.4640, -16.9908,
36.4271

 95.8160, -14.2063,
29.9794

 102.5810,
-11.1324, 24.0465

■ 109.9330, -8.3480,
17.5988

■ 116.6980, -5.2741,
11.6659

■ 124.0500, -2.4896,
5.2182

■ 130.8150, 0.5842,
-0.7148

Harmonies

Analogous

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



63.7620, -5.3057, 68.6147



67.5820, -25.9229, 54.7406



69.5500, -34.2882, 31.0897

Triad

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



67.5820, -25.9229, 54.7406



58.9860, -2.4581, -51.7307



61.7670, 43.4989, -45.3997

Complementary

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



67.5820, -25.9229, 54.7406



77.4180, 25.9229, -54.7406

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.



65.9350, 41.9370, -57.8250



67.5820, -25.9229, 54.7406



64.2470, 15.1612, -56.3446

Square

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



67.5820, -25.9229, 54.7406



55.0960, -22.7253, -37.7952



67.1770, 31.4647, -58.9142



75.0270, 26.1157, 23.6553

Rectangle

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



67.5820, -25.9229, 54.7406



68.5430, -33.7917, 11.8018



67.1770, 31.4647, -58.9142



62.0540, 44.8364, -54.4214

Sweetspot

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



67.5820, -25.9229, 54.7406



143.4990, -10.1060, 21.4874



58.9610, 19.7392, 62.3012



69.1820, -6.0057, 12.9954



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.



67.5820, -25.9229, 54.7406



76.6470, -37.7870, 80.1166



101.0410, -42.4182, 25.3970



60.2670, -1.6106, 3.2738



58.2300, -28.7074, 61.1883



0.0000, 0.0000, 0.0000

Inverse Universe

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



77.4180, 25.9229, -54.7406



91.3530, 37.7870, -80.1166



43.9590, 42.4182, -25.3970



60.7330, 1.6106, -3.2738



69.1830, 28.9968, -60.6735



0.0000, 0.0000, 0.0000

Previews

White Background



This preview shows how the YUV color 67.5820, -25.9229, 54.7406 looks on a white background.

Color Contrast Check

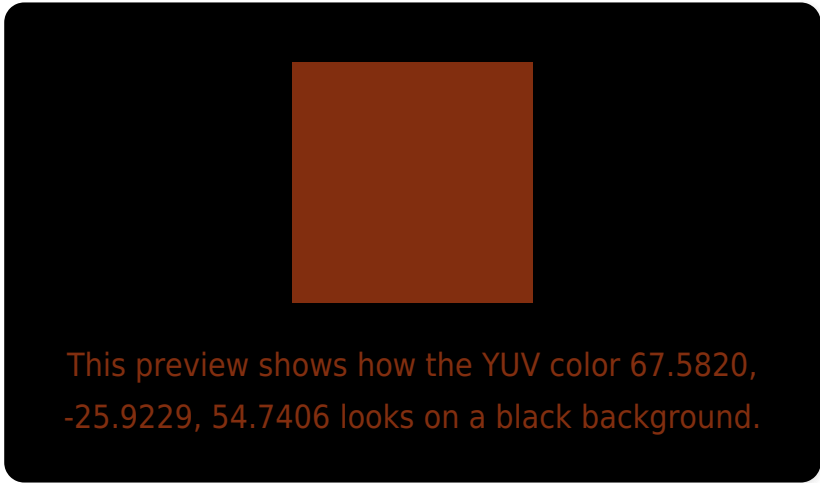
Large Text (above 18pt) WCAG AA ✓ Pass

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

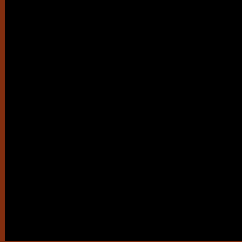
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.5820, -25.9229, 54.7406

Background



This preview shows how black text looks on a background with the YUV color 67.5820, -25.9229, 54.7406.



This preview shows how white text looks on a background with the YUV color 67.5820, -25.9229,

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

67.5820, -25.9229, 54.7406

Protanopia

71.6490, -24.4770, 10.8318

Deuteranopia

69.7830, -34.4030, 21.2383



Tritanopia

69.5400, -12.0982, 53.9004

Trichromacy



Original Color

67.5820, -25.9229, 54.7406

Protanomaly

69.9330, -25.1100, 27.2458

Deuteranomaly

68.9570, -31.5308, 33.3637

Tritanomaly

68.8730, -17.1924, 54.4854

Monochromacy



Original Color

67.5820, -25.9229, 54.7406

Achromatopsia

68.0000, 0.0000, 0.0000

Achromatomaly

68.0150, -9.3744, 20.1578

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.5820, -25.9229, 54.7406 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, 46, 15)` looks like.

```
.text, #text, p{  
    color:rgb(130, 46, 15)  
}
```

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, 46, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 46, 15) }
```

Border

The CSS property to change the border of an element to YUV 67.5820, -25.9229, 54.7406 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, 46, 15) }
```


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

```
.border{ border-color:rgb(130, 46, 15) }
```

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

Here you see how a box with a 4 pixel rgb(130, 46, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 46, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(130, 46, 15);  
box-shadow:4px 4px 4px 4px rgb(130, 46,  
15) }
```

Background

The CSS property to change the background color of an element to YUV 67.5820, -25.9229, 54.7406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 46, 15) }
```

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

```
.background{ background-color: rgb(130, 46,  
15) }
```

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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