

Converting Colors

YUV(63.8870, -25.0873,
66.7511)

Have a look what the booklet for
YUV(63.8870, -25.0873, 66.7511)
contains.

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Color

**YUV(63.8870, -25.0873,
66.7511)**

Conversions

Conversions Part 1

Format	Color
Hex	8C230D
RGB	140, 35, 13
RGB Percent	55%, 14%, 5%
CMY	0.4510, 0.8627, 0.9490
CMYK	0.00, 0.75, 0.91, 0.45
HSL	10°, 83%, 30%
HSV	10°, 91%, 55%
XYZ	11.4889, 6.8066, 1.0890
YIQ	63.8870, 69.6420, 15.4180

Conversions

Conversions Part 2

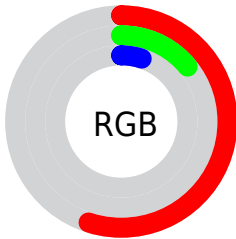
Format	Color
R_{YB}	140, 40, 13
Decimal	9184013
CIE _{Lab}	31.36, 43.07, 38.57
CIE _{LCh}	31, 57.815, 41.843
Yxy	6.8066, 0.5927, 0.3511
Android (android.graphics.Color)	4287374093 (0xFF8C230D)
YUV	63.8870, -25.0873, 66.7511
Hunter-Lab	26.0894, 32.9489, 15.7877

Details

The YUV color **63.8870, -25.0873, 66.7511** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **89.1130, 25.0873, -66.7511**, and the grayscale version is **64.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **118.0680, -29.6135, 71.8544**, and **24.2190, -11.9400, 49.7969** is the 20% darker color. If you saturate the color by 10%, you get **55.9480, -27.5824, 73.7136**, and if you desaturate by 10%, it is **72.5270, -22.4448, 59.1738**.

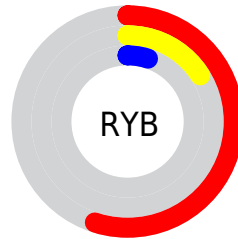
Distribution



Red (55%)

Green (14%)

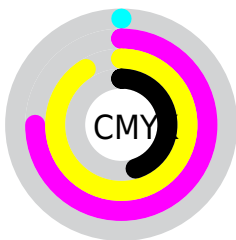
Blue (5%)



Red (55%)

Yellow (16%)

Blue (5%)

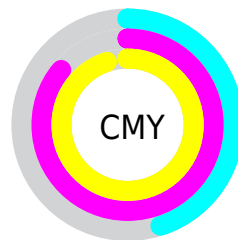


Cyan (0%)

Magenta (75%)

Yellow (91%)

Black (45%)



Cyan (45%)


Magenta (86%)


Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the YUV color 63.8870, -25.0873, 66.7511 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 63.8870, -25.0873, 66.7511 by changing the saturation by 10% instead.


 63.8870, -25.0873,
66.7511


 63.8870, -25.0873,
66.7511


 253.5180, -5.6784,
1.2997


 33.1890, -16.3622,
68.2402


 118.0680,
-29.6135, 71.8544

 24.2190, -11.9400,
49.7969

 145.3350,
-31.2242, 75.1282


 16.5590, -7.6706,
33.7128

 171.2100,
-31.6555, 73.4838

 4.4850, -2.2111,
9.2217


 189.9090,
-28.5491, 57.0848


 0.0000, 0.0000,
0.0000


 209.4230,
-24.8585, 39.9710


 228.9370,


-21.1679, 22.8573


 249.7390,
-17.6193, 4.6139


 63.8870, -25.0873,
66.7511


 63.8870, -25.0873,
66.7511


 55.9480, -27.5824,
73.7136

 72.5270, -22.4448,
59.1738

 80.5800, -19.5129,
52.1113

 89.2200, -16.8705,
44.5341

 97.2730, -13.9386,
37.4716

 105.9130,
-11.2961, 29.8943

■ 113.9660, -8.3642,
22.8318

■ 122.6060, -5.7218,
15.2545

■ 131.2460, -3.0793,
7.6773

■ 139.2990, -0.1474,
0.6148

Harmonies

Analogous

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



51.7610, 3.0758, 87.0326



63.8870, -25.0873, 66.7511



69.5940, -34.3098, 38.0671

Triad

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



63.8870, -25.0873, 66.7511



58.3190, -7.5523, -51.1458



62.1340, 50.2199, -54.4915

Complementary

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



63.8870, -25.0873, 66.7511



89.1130, 25.0873, -66.7511

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.



69.4230, 45.1475, -60.8840



63.8870, -25.0873, 66.7511



64.9650, 12.8353, -56.9743

Square

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



63.8870, -25.0873, 66.7511



54.3580, -26.7985, -38.0250



69.2800, 31.9070, -60.7586



74.8290, 33.1153, 18.5670

Rectangle

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



63.8870, -25.0873, 66.7511



69.4620, -34.2448, 17.1348



69.2800, 31.9070, -60.7586



65.2970, 49.6466, -57.2655

Sweetspot

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



63.8870, -25.0873, 66.7511



151.9340, -9.8275, 25.4909



63.0570, 27.5799, 67.4790



74.4920, -6.1586, 15.3545



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000

Same Dimension

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



63.8870, -25.0873, 66.7511



72.3160, -35.6518, 95.3159



100.8680, -43.3189, 34.3188



64.6800, -1.3212, 3.7886



53.2680, -26.2611, 69.9250



2.0820, -1.0264, 2.5591

Inverse Universe

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



89.1130, 25.0873, -66.7511



108.6840, 35.6518, -95.3159



52.1320, 43.3189, -34.3188



66.3200, 1.3212, -3.7886



79.7320, 26.2611, -69.9250



2.9180, 1.0264, -2.5591

Previews

White Background



This preview shows how the YUV color 63.8870, -25.0873, 66.7511 looks on a white background.

Color Contrast Check

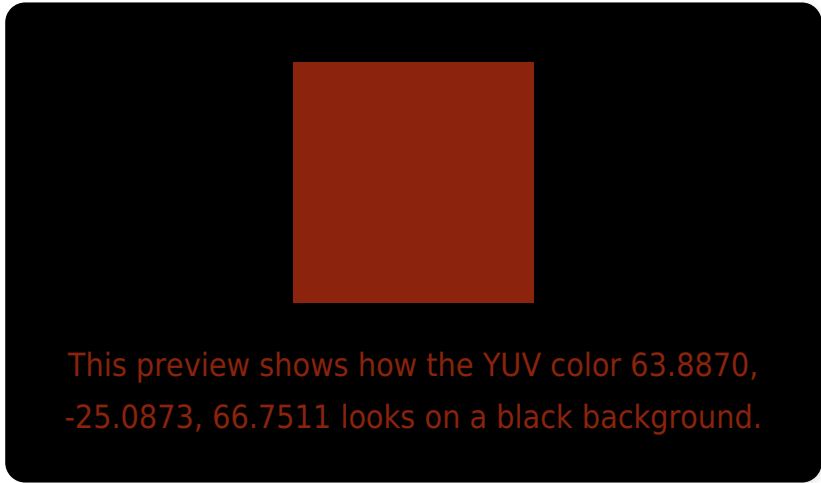
Large Text (above 18pt) WCAG AA ✓ Pass

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

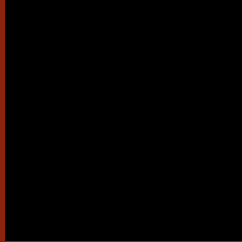
Any Text WCAG AA × Fail

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 63.8870, -25.0873, 66.7511 Background



This preview shows how black text looks on a background with the YUV color 63.8870, -25.0873, 66.7511.



This preview shows how white text looks on a background with the YUV color 63.8870, -25.0873,

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

63.8870, -25.0873, 66.7511

Protanopia

71.7630, -24.0402, 10.7318

Deuteranopia

70.0820, -34.5504, 21.8531



Tritanopia

65.1070, -15.3358, 65.6812

Trichromacy



Original Color

63.8870, -25.0873, 66.7511

Protanomaly

68.4820, -24.3946, 31.1493

Deuteranomaly

67.8050, -30.9629, 37.8820

Tritanomaly

64.7820, -19.1195, 65.9662

Monochromacy



Original Color

63.8870, -25.0873, 66.7511

Achromatopsia

64.0000, 0.0000, 0.0000

Achromatomaly

63.7490, -9.2433, 24.7761

CSS Examples

Text

The CSS property to change the color of the text to YUV 63.8870, -25.0873, 66.7511 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(140, 35, 13)` looks like.

```
.text, #text, p{  
    color:rgb(140, 35, 13)  
}
```

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(140, 35, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 35, 13) }
```

Border

The CSS property to change the border of an element to YUV 63.8870, -25.0873, 66.7511 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(140, 35, 13) }
```


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

```
.border{ border-color:rgb(140, 35, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 35, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 35, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 35, 13);  
box-shadow:4px 4px 4px 4px rgb(140, 35,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 63.8870, -25.0873, 66.7511 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 35, 13) }
```

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

```
.background{ background-color: rgb(140, 35,  
13) }
```

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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