

# Converting Colors

YUV(62.7680, -27.9866,  
63.3475)

Have a look what the booklet for  
YUV(62.7680, -27.9866, 63.3475)  
contains.

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# Color

**YUV(62.7680, -27.9866,  
63.3475)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	872506
RGB	135, 37, 6
RGB Percent	53%, 15%, 2%
CMY	0.4706, 0.8549, 0.9765
CMYK	0.00, 0.73, 0.96, 0.47
HSL	14°, 91%, 28%
HSV	14°, 96%, 53%
XYZ	10.6861, 6.4872, 0.8612
YIQ	62.7680, 68.3590, 11.1350

# Conversions

## Conversions Part 2

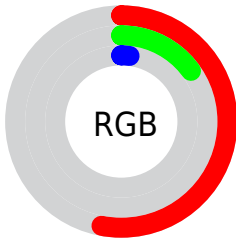
<b>Format</b>	<b>Color</b>
<b>R<sub>Y</sub>B</b>	135, 47, 6
Decimal	8856838
CIE <sub>Lab</sub>	30.61, 40.42, 40.46
CIE <sub>LCh</sub>	31, 57.187, 45.028
Yxy	6.4872, 0.5925, 0.3597
Android (android.graphics.Color)	4287046918 (0xFF872506)
YUV	62.7680, -27.9866, 63.3475
Hunter-Lab	25.4699, 30.3187, 15.8242

# Details

The YUV color **62.7680, -27.9866, 63.3475** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **78.2320, 27.9866, -63.3475**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **116.0030, -31.0605, 69.2804**, and **23.0230, -11.3503, 47.3378** is the 20% darker color. If you saturate the color by 10%, you get **59.1490, -29.1605, 66.5213**, and if you desaturate by 10%, it is **70.2340, -24.7654, 56.7998**.

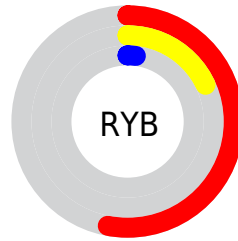
# Distribution



Red (53%)

Green (15%)

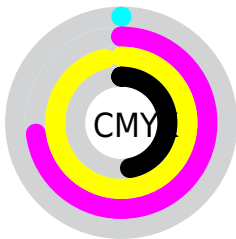
Blue (2%)



Red (53%)

Yellow (18%)

Blue (2%)

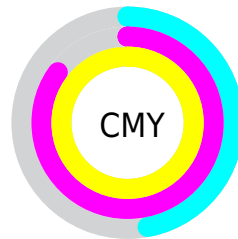


Cyan (0%)

Magenta (73%)

Yellow (96%)

Black (47%)



Cyan (47%)

Magenta (85%)


Yellow (98%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 62.7680, -27.9866, 63.3475 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 62.7680, -27.9866, 63.3475 by changing the saturation by 10% instead.





 62.7680, -27.9866,  
63.3475


 62.7680, -27.9866,  
63.3475


 252.8340, -8.2992,  
1.8996


 34.6290, -17.0721,  
62.5924

 116.0030,  
-31.0605, 69.2804


 23.0230, -11.3503,  
47.3378


 143.2700,  
-32.6711, 72.5542

 15.4770, -6.6442,  
31.1537

 170.5260,  
-34.2763, 74.0837

 0.0000, 0.0000,  
0.0000


 189.3390,  
-30.7331, 57.5847


 208.7390,  
-27.4793, 40.5709


 228.2530,


-23.7887, 23.4571


 249.0550,  
-20.2401, 5.2138


 62.7680, -27.9866,  
63.3475


 62.7680, -27.9866,  
63.3475

 59.1490, -29.1605,  
66.5213

 70.2340, -24.7654,  
56.7998

 78.1730, -22.2703,  
49.8373

 85.6390, -19.0490,  
43.2896

 92.9910, -16.2646,  
36.8419

 100.4570,  
-13.0433, 30.2942

■ 108.3960,  
-10.5482, 23.3317

■ 115.8620, -7.3270,  
16.7840

■ 123.2140, -4.5425,  
10.3363

■ 130.6800, -1.3212,  
3.7886

# Harmonies

## Analogous

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



50.1800, 0.8973, 85.7881



62.7680, -27.9866, 63.3475



68.3870, -33.7148, 33.8636

# Triad

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



62.7680, -27.9866, 63.3475



57.6010, -5.2263, -50.5161



59.3300, 49.6303, -52.0324

# Complementary

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



62.7680, -27.9866, 63.3475



78.2320, 27.9866, -63.3475

# 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.



67.4340, 45.1420, -59.1396



62.7680, -27.9866, 63.3475



64.1330, 14.7244, -56.2446

# Square

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



62.7680, -27.9866, 63.3475



49.8950, -24.5982, -43.7579



68.2200, 32.9225, -59.8289



72.9930, 31.0625, 23.6851



# Rectangle

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



62.7680, -27.9866, 63.3475



67.6680, -33.3603, 13.4462



68.2200, 32.9225, -59.8289



63.0800, 48.7676, -55.3212

# Sweetspot

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



62.7680, -27.9866, 63.3475



147.2930, -10.9904, 25.1760



55.8570, 24.2275, 69.4084



71.9650, -6.8847, 14.9397



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



62.7680, -27.9866, 63.3475



77.2780, -38.0981, 86.5792



100.3360, -46.5076, 30.4003



62.3810, -1.1738, 3.1739



57.0670, -28.1340, 63.9622



1.4840, -0.7316, 1.3295



# Inverse Universe

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



78.2320, 27.9866, -63.3475



98.7220, 38.0981, -86.5792



40.6640, 46.5076, -30.4003



63.6190, 1.1738, -3.1739



72.9330, 28.1340, -63.9622

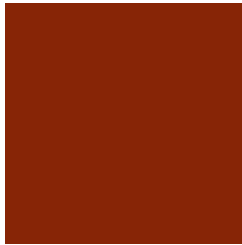


1.5160, 0.7316, -1.3295



# Previews

## White Background



This preview shows how the YUV color 62.7680, -27.9866, 63.3475 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

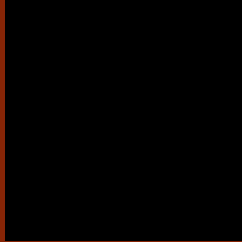
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.7680, -27.9866, 63.3475

## Background



This preview shows how black text looks on a background with the YUV color 62.7680, -27.9866, 63.3475.



This preview shows how white text looks on a background with the YUV color 62.7680, -27.9866,



# 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

62.7680, -27.9866, 63.3475

### Protanopia

70.1930, -26.2241, 11.2317

### Deuteranopia

68.8970, -33.9662, 21.1383



## Tritanopia

65.3130, -14.4513, 61.9925

# Trichromacy



## Original Color

62.7680, -27.9866, 63.3475

## Protanomaly

67.7870, -27.0100, 30.0048

## Deuteranomaly

66.5660, -31.8310, 36.3376

## Tritanomaly

64.6460, -19.5455, 62.5775

# Monochromacy



## Original Color

62.7680, -27.9866, 63.3475

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

63.0970, -10.4008, 22.7169

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.7680, -27.9866, 63.3475 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(135, 37, 6)` looks like.

```
.text, #text, p{  
    color:rgb(135, 37, 6)  
}
```

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(135, 37, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 37, 6) }
```

## Border

The CSS property to change the border of an element to YUV 62.7680, -27.9866, 63.3475 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(135, 37, 6) }
```



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

```
.border{ border-color:rgb(135, 37, 6) }
```

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

Here you see how a box with a 4 pixel rgb(135, 37, 6) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 37, 6); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 37, 6);  
box-shadow:4px 4px 4px 4px rgb(135, 37, 6)  
}
```

# Background

The CSS property to change the background color of an element to YUV 62.7680, -27.9866, 63.3475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 37, 6) }
```

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

```
.background{ background-color: rgb(135, 37,  
6) }
```

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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