

# Converting Colors

YUV(87.4900, -43.1326,  
67.9763)

Have a look what the booklet for  
YUV(87.4900, -43.1326, 67.9763)  
contains.

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# Color

**YUV(87.4900, -43.1326,  
67.9763)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A54100
RGB	165, 65, 0
RGB Percent	65%, 25%, 0%
CMY	0.3529, 0.7451, 1.0000
CMYK	0.00, 0.61, 1.00, 0.35
HSL	24°, 100%, 32%
HSV	24°, 100%, 65%
XYZ	17.4073, 11.7799, 1.3563
YIQ	87.4900, 80.4650, 0.9850

# Conversions

## Conversions Part 2

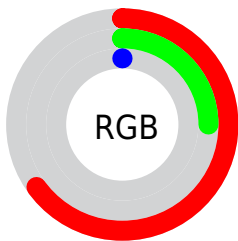
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	165, 107, 0
Decimal	10830080
CIE <sub>Lab</sub>	40.86, 38.84, 51.68
CIE <sub>LCh</sub>	41, 64.649, 53.073
Yxy	11.7799, 0.5699, 0.3857
Android (android.graphics.Color)	4289020160 (0xFFA54100)
YUV	87.4900, -43.1326, 67.9763
Hunter-Lab	34.3219, 30.4681, 21.6824

# Details

The YUV color **87.4900, -43.1326, 67.9763** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **77.5100, 43.1326, -67.9763**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.2350, -43.0069, 74.3389**, and **37.8520, -18.6610, 58.8888** is the 20% darker color. If you saturate the color by 10%, you get **87.4900, -43.1326, 67.9763**, and if you desaturate by 10%, it is **95.1840, -39.0377, 61.2286**.

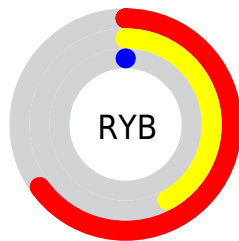
# Distribution



Red (65%)

Green (25%)

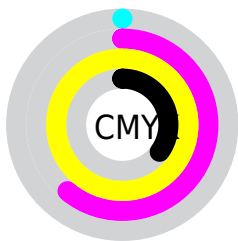
Blue (0%)



Red (65%)

Yellow (42%)

Blue (0%)

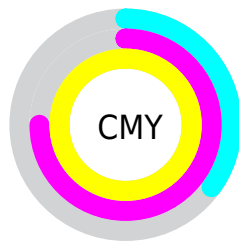


Cyan (0%)

Magenta (61%)

Yellow (100%)

Black (35%)



Cyan (35%)

Magenta (75%)


Yellow (100%)


# Brightness & Saturation Gradients


These gradients show how the YUV color 87.4900, -43.1326, 67.9763 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 87.4900, -43.1326, 67.9763 by changing the saturation by 10% instead.





 87.4900, -43.1326,  
67.9763


 87.4900, -43.1326,  
67.9763


 253.5180, -5.6784,  
1.2997

 63.8450, -31.4756,  
62.4029


 142.2350,  
-43.0069, 74.3389


 37.8520, -18.6610,  
58.8888

 169.3060,  
-44.0279, 75.1536


 22.7240, -11.2029,  
46.7231

 188.0050,  
-40.9215, 58.7546

 15.3630, -7.0810,  
31.2536

 207.4050,  
-37.6677, 41.7408


 0.0000, 0.0000,  
0.0000


 226.9190,  
-33.9771, 24.6270


 247.1340,

-30.1391, 6.8985

 250.3260,  
-17.9087, 4.0991

 87.4900, -43.1326,  
67.9763

 95.1840, -39.0377,  
61.2286

 102.9920,  
-34.5061, 54.3810

 110.8000,  
-29.9744, 47.5334

 118.4940,  
-25.8795, 40.7858

 126.1880,  
-21.7847, 34.0381

■ 133.9960,  
-17.2530, 27.1905

■ 141.6900,  
-13.1582, 20.4429

■ 149.4980, -8.6265,  
13.5953

■ 157.1920, -4.5317,  
6.8476

# Harmonies

## Analogous

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



81.7110, -11.1965, 91.4615



87.4900, -43.1326, 67.9763



91.1020, -44.9133, 32.3595

# Triad

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



87.4900, -43.1326, 67.9763



78.6140, 1.6693, -68.9445



90.9290, 51.3070, -29.7557

# Complementary

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



87.4900, -43.1326, 67.9763



77.5100, 43.1326, -67.9763

# 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.



85.9510, 57.7052, -75.3790



87.4900, -43.1326, 67.9763



85.4710, 25.4038, -74.9581

# Square

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



87.4900, -43.1326, 67.9763



69.6540, -22.5074, -61.0866



88.7260, 45.4911, -77.8127



96.0540, 32.0184, 43.8026



# Rectangle

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



87.4900, -43.1326, 67.9763



87.9910, -43.3796, 7.0239



88.7260, 45.4911, -77.8127



78.6790, 60.3043, -69.0015

# Sweetspot

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



87.4900, -43.1326, 67.9763



183.8110, -16.6688, 26.4758



60.9630, 20.2312, 91.2404



89.1670, -9.9423, 15.6395



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000



# Same Dimension

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



87.4900, -43.1326, 67.9763



113.2940, -55.8539, 88.3192



135.0370, -66.5732, 26.2776



78.0390, -2.4842, 3.4738



76.8140, -37.8693, 59.7991



9.4910, -4.6791, 7.4624



# Inverse Universe

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



77.5100, 43.1326, -67.9763



100.7060, 55.8539, -88.3192



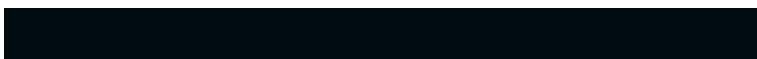
29.9630, 66.5732, -26.2776



76.9610, 2.4842, -3.4738



68.1860, 37.8693, -59.7991



8.5090, 4.6791, -7.4624



# Previews

## White Background



This preview shows how the YUV color 87.4900, -43.1326, 67.9763 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 × Fail



# Black Background



This preview shows how the YUV color 87.4900, -43.1326, 67.9763 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 87.4900, -43.1326, 67.9763

## Background



This preview shows how black text looks on a background with the YUV color 87.4900, -43.1326, 67.9763.



This preview shows how white text looks on a background with the YUV color 87.4900, -43.1326,



# 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



### Protanopia

92.2400, -37.5863, 15.5755

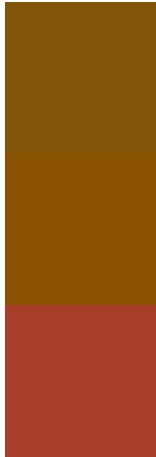
### Deuteranopia

90.7810, -44.7550, 28.2561

### Tritanopia

92.7370, -14.1673, 64.2517

# Trichromacy



## Protanomaly

90.4920, -39.6826, 34.6485

## Deuteranomaly

89.3960, -44.0722, 42.6257

## Tritanomaly

90.7020, -24.5031, 66.0363

# Monochromacy



## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

87.0280, -15.7898, 24.5314

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.4900, -43.1326, 67.9763 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(165, 65, 0)` looks like.

```
.text, #text, p{  
    color:rgb(165, 65, 0)  
}
```

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(165, 65, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 65, 0) }
```

## Border

The CSS property to change the border of an element to YUV 87.4900, -43.1326, 67.9763 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(165, 65, 0) }
```

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

```
.border{ border-color:rgb(165, 65, 0) }
```

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

Here you see how a box with a 4 pixel rgb(165, 65, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 65, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 65, 0);  
box-shadow:4px 4px 4px 4px rgb(165, 65, 0)  
}
```



# Background

The CSS property to change the background color of an element to YUV 87.4900, -43.1326, 67.9763 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 65, 0) }
```

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

```
.background{ background-color: rgb(165, 65,  
0) }
```

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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