

# Converting Colors

YUV(87.0520, -35.5216,  
53.4514)

Have a look what the booklet for  
YUV(87.0520, -35.5216, 53.4514)  
contains.

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# Color

**YUV(87.0520, -35.5216,  
53.4514)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	94460F
RGB	148, 70, 15
RGB Percent	58%, 27%, 6%
CMY	0.4196, 0.7255, 0.9412
CMYK	0.00, 0.53, 0.90, 0.42
HSL	25°, 82%, 32%
HSV	25°, 90%, 58%
XYZ	14.4891, 10.7107, 1.7556
YIQ	87.0520, 64.1430, -0.5690

# Conversions

## Conversions Part 2

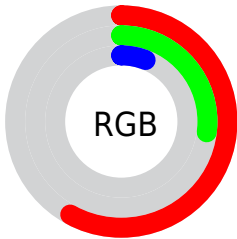
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	148, 109, 15
Decimal	9717263
CIE Lab	39.09, 29.65, 44.45
CIE LCh	39, 53.433, 56.301
Yxy	10.7107, 0.5375, 0.3973
Android (android.graphics.Color)	4287907343 (0xFF94460F)
YUV	87.0520, -35.5216, 53.4514
Hunter-Lab	32.7272, 21.7536, 19.7284

# Details

The YUV color **87.0520, -35.5216, 53.4514** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **75.9480, 35.5216, -53.4514**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **139.9280, -37.4325, 59.6991**, and **40.4110, -19.9226, 43.4896** is the 20% darker color. If you saturate the color by 10%, you get **80.0590, -39.4691, 59.5843**, and if you desaturate by 10%, it is **94.0450, -31.5742, 47.3185**.

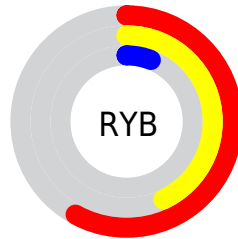
# Distribution



Red (58%)

Green (27%)

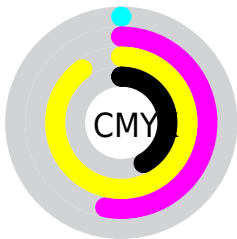
Blue (6%)



Red (58%)

Yellow (43%)

Blue (6%)

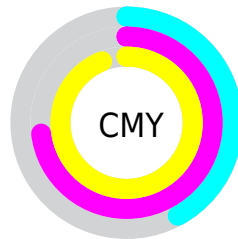


Cyan (0%)

Magenta (53%)

Yellow (90%)

Black (42%)



Cyan (42%)

Magenta (73%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 87.0520, -35.5216, 53.4514 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 87.0520, -35.5216, 53.4514 by changing the saturation by 10% instead.



87.0520, -35.5216,  
53.4514

87.0520, -35.5216,  
53.4514

254.6580, -1.3104,  
0.2999

62.5830, -30.8534,  
49.4777

139.9280,  
-37.4325, 59.6991

40.4110, -19.9226,  
43.4896

167.0100,  
-38.4589, 62.2582

18.5380, -9.1392,  
38.1162

190.7920,  
-37.8585, 56.3104

11.7750, -5.3121,  
23.8763


210.1920,  
-34.6047, 39.2966


0.0000, 0.0000,  
0.0000


229.7060,  
-30.9141, 22.1828


248.1600,


-26.2079, 5.9987


 251.3520,  
-13.9775, 3.1993


 87.0520, -35.5216,  
53.4514


 87.0520, -35.5216,  
53.4514


 80.0590, -39.4691,  
59.5843

 94.0450, -31.5742,  
47.3185

 100.4510,  
-27.3373, 41.7005

 107.3300,  
-23.8267, 35.6676

 114.3230,  
-19.8792, 29.5347

 120.7290,  
-15.6424, 23.9167

■ 127.7220,  
-11.6949, 17.7838

■ 134.7150, -7.7475,  
11.6509

■ 141.0070, -3.9475,  
6.1329

■ 148.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



85.3680, -14.4784, 70.7143



87.0520, -35.5216, 53.4514



86.3400, -42.5656, 26.0118

# Triad

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



87.0520, -35.5216, 53.4514



74.8470, 5.0054, -65.6408



91.5370, 39.1753, -11.8719

# Complementary

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



87.0520, -35.5216, 53.4514



75.9480, 35.5216, -53.4514

# 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.



78.5190, 49.5371, -68.8612



87.0520, -35.5216, 53.4514



79.8630, 24.2245, -70.0399

# Square

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



87.0520, -35.5216, 53.4514



67.9560, -13.7823, -59.5974



82.0920, 40.3806, -71.9947



93.1430, 23.5935, 39.3396



# Rectangle

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



87.0520, -35.5216, 53.4514



83.5500, -41.1901, 4.7797



82.0920, 40.3806, -71.9947



83.6690, 45.5192, -40.0517

# Sweetspot

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



87.0520, -35.5216, 53.4514



167.5760, -13.5950, 20.5428



63.8870, 15.3387, 73.7671



82.9000, -8.3317, 12.3657



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



87.0520, -35.5216, 53.4514



103.4820, -51.0166, 76.7533



125.2070, -54.3321, 19.9895



70.8540, -1.9000, 2.7590



74.7210, -36.8375, 55.4957



5.3380, -2.6316, 4.0886



# Inverse Universe

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



75.9480, 35.5216, -53.4514



87.5180, 51.0166, -76.7533



37.7930, 54.3321, -19.9895



70.1460, 1.9000, -2.7590



63.2790, 36.8375, -55.4957



4.6620, 2.6316, -4.0886



# Previews

## White Background



This preview shows how the YUV color 87.0520, -35.5216, 53.4514 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 87.0520, -35.5216, 53.4514 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 87.0520, -35.5216, 53.4514

## Background



This preview shows how black text looks on a background with the YUV color 87.0520, -35.5216, 53.4514.



This preview shows how white text looks on a background with the YUV color 87.0520, -35.5216,



# 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

87.0520, -35.5216, 53.4514

### Protanopia

88.0810, -33.0709, 13.9610

### Deuteranopia

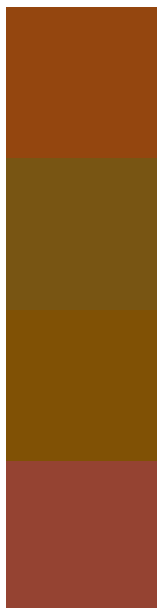
86.6390, -42.7130, 26.6266



## Tritanopia

90.9850, -10.3456, 51.7562

# Trichromacy



## Original Color

87.0520, -35.5216, 53.4514

## Protanomaly

87.9410, -33.9879, 28.1157

## Deuteranomaly

86.3890, -40.1248, 36.4928

## Tritanomaly

89.5800, -19.5129, 52.1113

# Monochromacy



## Original Color

87.0520, -35.5216, 53.4514

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

87.0920, -12.8634, 19.2133

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 87.0520, -35.5216, 53.4514 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(148, 70, 15)` looks like.

```
.text, #text, p{  
    color:rgb(148, 70, 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(148, 70, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 70, 15) }
```

## Border

The CSS property to change the border of an element to YUV 87.0520, -35.5216, 53.4514 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(148, 70, 15) }
```



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

```
.border{ border-color:rgb(148, 70, 15) }
```

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

Here you see how a box with a 4 pixel rgb(148, 70, 15) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 70, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 70, 15);  
box-shadow:4px 4px 4px 4px rgb(148, 70,  
15) }
```

# Background

The CSS property to change the background color of an element to YUV 87.0520, -35.5216, 53.4514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 70, 15) }
```

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

```
.background{ background-color: rgb(148, 70,  
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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