

# Converting Colors

YUV(54.6520, -18.5624,  
73.9732)

Have a look what the booklet for  
YUV(54.6520, -18.5624, 73.9732)  
contains.

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# Color

**YUV(54.6520, -18.5624,  
73.9732)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B1311
RGB	139, 19, 17
RGB Percent	55%, 7%, 7%
CMY	0.4549, 0.9255, 0.9333
CMYK	0.00, 0.86, 0.88, 0.45
HSL	1°, 78%, 31%
HSV	1°, 88%, 55%
XYZ	10.9815, 5.9952, 1.1087
YIQ	54.6520, 72.1620, 24.8180

# Conversions

## Conversions Part 2

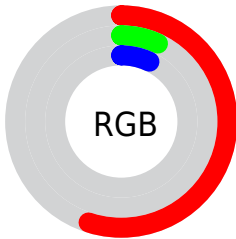
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 19, 17
Decimal	9114385
CIE Lab	29.40, 47.83, 34.93
CIE LCh	29, 59.229, 36.136
Yxy	5.9952, 0.6072, 0.3315
Android (android.graphics.Color)	4287304465 (0xFF8B1311)
YUV	54.6520, -18.5624, 73.9732
Hunter-Lab	24.4851, 37.2081, 14.4548

# Details

The YUV color **54.6520, -18.5624, 73.9732** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **101.3480, 18.5624, -73.9732**, and the grayscale version is **55.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **111.9530, -25.1198, 77.2172**, and **23.9200, -11.7926, 49.1822** is the 20% darker color. If you saturate the color by 10%, you get **44.8380, -20.6261, 82.5801**, and if you desaturate by 10%, it is **64.4660, -16.4987, 65.3663**.

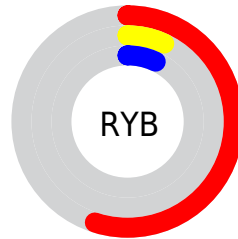
# Distribution



Red (55%)

Green (7%)

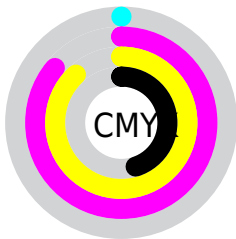
Blue (7%)



Red (55%)

Yellow (7%)

Blue (7%)

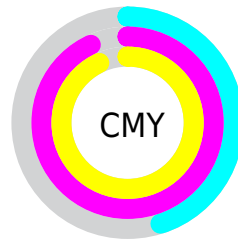


Cyan (0%)

Magenta (86%)

Yellow (88%)

Black (45%)



Cyan (45%)

Magenta (93%)


Yellow (93%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 54.6520, -18.5624, 73.9732 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 54.6520, -18.5624, 73.9732 by changing the saturation by 10% instead.





 54.6520, -18.5624,  
73.9732

 54.6520, -18.5624,  
73.9732


 253.7460, -4.8048,  
1.0998


 32.8900, -16.2148,  
67.6255


 111.9530,  
-25.1198, 77.2172


 23.9200, -11.7926,  
49.1822


 139.6930,  
-27.4566, 80.0762


 16.3740, -7.0864,  
32.9980

 165.5680,  
-27.8880, 78.4319

 1.7940, -0.8844,  
3.6887

 184.2670,  
-24.7816, 62.0328

 0.0000, 0.0000,  
0.0000

 203.7810,  
-21.0910, 44.9191

 223.8820,

-17.6898, 27.2905

■ 244.0970,  
-13.8518, 9.5619

■ 54.6520, -18.5624,  
73.9732

■ 54.6520, -18.5624,  
73.9732

■ 44.8380, -20.6261,  
82.5801

■ 64.4660, -16.4987,  
65.3663

■ 42.7350, -21.0684,  
84.4244

■ 73.6930, -14.1456,  
57.2742

■ 83.5070, -12.0820,  
48.6674

■ 93.3210, -10.0183,  
40.0605

■ 102.4340, -8.1020,  
32.0684

■ 112.2480, -6.0383,  
23.4615

■ 122.0620, -3.9746,  
14.8546

■ 131.2890, -1.6215,  
6.7625

■ 141.1030, 0.4422,  
-1.8443

# Harmonies

## Analogous

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



50.7220, 5.5601, 83.5588



54.6520, -18.5624, 73.9732



64.6100, -31.8527, 43.3150

# Triad

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



54.6520, -18.5624, 73.9732



53.7880, -12.2205, -47.1721



61.3190, 49.6357, -53.7768

# Complementary

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



54.6520, -18.5624, 73.9732



101.3480, 18.5624, -73.9732

# 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.



66.8640, 42.9580, -58.6397



54.6520, -18.5624, 73.9732



60.5480, 8.6038, -53.1006

# Square

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



54.6520, -18.5624, 73.9732



54.7230, -26.9784, -26.9441



65.6780, 28.2597, -57.5996



69.4900, 37.2264, 6.5863



# Rectangle

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



54.6520, -18.5624, 73.9732



65.9510, -32.5138, 21.9680



65.6780, 28.2597, -57.5996



64.2540, 48.1888, -56.3508

# Sweetspot

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



54.6520, -18.5624, 73.9732



148.6400, -7.2175, 28.3797



67.3860, 35.3057, 62.8055



72.2580, -4.5642, 17.3137



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.



54.6520, -18.5624, 73.9732



55.8800, -27.5488, 109.7302



89.2850, -35.6365, 43.6001



64.0930, -1.0318, 4.3034



40.9410, -20.1839, 80.7357



1.4950, -0.7370, 3.0739



# Inverse Universe

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



101.3480, 18.5624, -73.9732



125.1200, 27.5488, -109.7302



66.7150, 35.6365, -43.6001



66.9070, 1.0318, -4.3034



91.4720, 20.4733, -80.2209



3.5050, 0.7370, -3.0739



# Previews

## White Background



This preview shows how the YUV color 54.6520, -18.5624, 73.9732 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

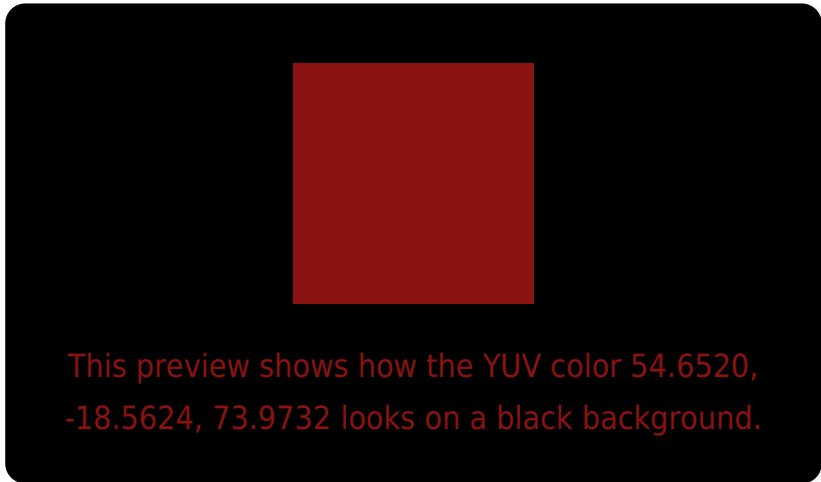
Any Text WCAG AA ✓ Pass

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 54.6520, -18.5624, 73.9732

## Background



This preview shows how black text looks on a background with the YUV color 54.6520, -18.5624, 73.9732.



This preview shows how white text looks on a background with the YUV color 54.6520, -18.5624,



# 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

54.6520, -18.5624, 73.9732

### Protanopia

69.4900, -19.9616, 9.2173

### Deuteranopia

66.8260, -32.9452, 20.3236



## Tritanopia

54.6520, -18.5624, 73.9732

# Trichromacy



## Original Color

54.6520, -18.5624, 73.9732

## Protanomaly

64.1600, -19.3059, 32.3087

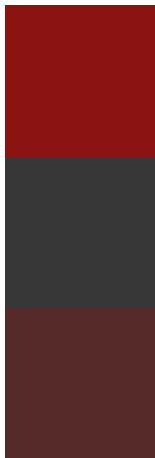
## Deuteranomaly

62.3260, -27.7687, 40.0561

## Tritanomaly

54.6520, -18.5624, 73.9732

# Monochromacy



## Original Color

54.6520, -18.5624, 73.9732

## Achromatopsia

55.0000, 0.0000, 0.0000

## Achromatomaly

55.0420, -6.9227, 27.1502

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 54.6520, -18.5624, 73.9732 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(139, 19, 17)` looks like.

```
.text, #text, p{  
    color:rgb(139, 19, 17)  
}
```

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(139, 19, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 19, 17) }
```

## Border

The CSS property to change the border of an element to YUV 54.6520, -18.5624, 73.9732 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(139, 19, 17) }
```



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

```
.border{ border-color:rgb(139, 19, 17) }
```

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

Here you see how a box with a 4 pixel rgb(139, 19, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 19, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 19, 17);  
box-shadow:4px 4px 4px 4px rgb(139, 19,  
17) }
```

# Background

The CSS property to change the background color of an element to YUV 54.6520, -18.5624, 73.9732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 19, 17) }
```

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

```
.background{ background-color: rgb(139, 19,  
17) }
```

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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