

# Converting Colors

YUV(93.3710, -26.3119, -7.3414)

Have a look what the booklet for  
YUV(93.3710, -26.3119, -7.3414)  
contains.

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# Color

**YUV(93.3710, -26.3119,  
-7.3414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	556C28
RGB	85, 108, 40
RGB Percent	33%, 42%, 16%
CMY	0.6667, 0.5765, 0.8431
CMYK	0.21, 0.00, 0.63, 0.58
HSL	80°, 46%, 29%
HSV	80°, 63%, 42%
XYZ	9.4919, 12.8096, 3.9797
YIQ	93.3710, 8.1200, -26.0240

# Conversions

## Conversions Part 2

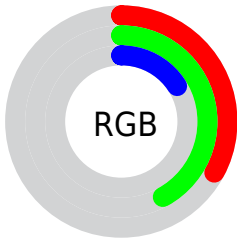
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 108, 63
Decimal	5598248
CIE <sub>Lab</sub>	42.47, -20.07, 34.45
CIE <sub>LCh</sub>	42, 39.867, 120.230
Yxy	12.8096, 0.3612, 0.4874
Android (android.graphics.Color)	4283788328 (0xFF556C28)
YUV	93.3710, -26.3119, -7.3414
Hunter-Lab	35.7905, -15.2941, 18.4606

# Details

The YUV color **93.3710, -26.3119, -7.3414** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **54.6290, 26.3119, 7.3414**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **144.9150, -28.0591, -6.9415**, and **46.2830, -22.8175, -8.1412** is the 20% darker color. If you saturate the color by 10%, you get **90.9210, -30.5271, -8.7007**, and if you desaturate by 10%, it is **95.8210, -22.0968, -5.9820**.

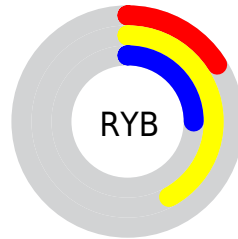
# Distribution



Red (33%)

Green (42%)

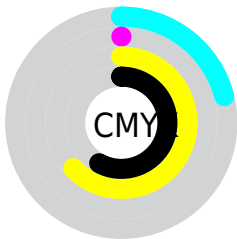
Blue (16%)



Red (16%)

Yellow (42%)

Blue (25%)

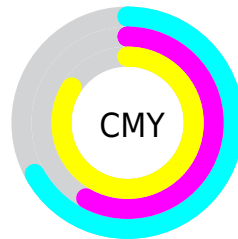


Cyan (21%)

Magenta (0%)

Yellow (63%)

Black (58%)



Cyan (67%)

Magenta (58%)

Yellow (84%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.3710, -26.3119, -7.3414 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 93.3710, -26.3119, -7.3414 by changing the saturation by 10% instead.



93.3710, -26.3119,  
-7.3414

93.3710, -26.3119,  
-7.3414

255.0000, 0.0000,  
0.0000

69.0720, -26.1645,  
-7.9561

144.9150,  
-28.0591, -6.9415

46.2830, -22.8175,  
-8.1412

171.3880,  
-28.7853, -7.3563

26.1930, -12.9131,  
-11.5703

198.5730,  
-29.3695, -6.6415

9.3920, -4.6303,  
-8.2368

227.0460,  
-30.0957, -7.0563

0.0000, 0.0000,  
0.0000

245.9530,  
-25.6128, 1.7952

251.2380,

-14.4143, 3.2993

254.5440, -1.7472,  
0.3999

■ 93.3710, -26.3119,  
-7.3414

■ 93.3710, -26.3119,  
-7.3414

■ 90.9210, -30.5271,  
-8.7007

■ 95.8210, -22.0968,  
-5.9820

■ 88.7700, -34.8896,  
-9.4453

■ 97.9720, -17.7342,  
-5.2374

■ 86.4340, -38.6680,  
-10.9046

■ 100.3080,  
-13.9558, -3.7781

■ 84.6250, -41.7201,  
-11.9491

■ 102.7580, -9.7407,  
-2.4188

■ 104.9090, -5.3781,  
-1.6742

■ 107.3590, -1.1630,  
-0.3148

■ 109.8090, 3.0522,  
1.0445

■ 111.8460, 6.9779,  
1.8891

■ 114.2960, 11.1931,  
3.2484

# Harmonies

## Analogous

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



96.8150, -32.9398, 18.5792



93.3710, -26.3119, -7.3414



86.1030, -9.9108, -41.3093

# Triad

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



93.3710, -26.3119, -7.3414



83.6420, 36.1655, -73.3540



100.7320, 0.1321, 51.1010

# Complementary

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



93.3710, -26.3119, -7.3414



54.6290, 26.3119, 7.3414

# 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.



103.1070, 14.7372, 33.2322



93.3710, -26.3119, -7.3414



87.4470, 38.7266, -54.7660

# Square

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



93.3710, -26.3119, -7.3414



83.1400, 24.0880, -72.9138



101.8130, 27.2072, 0.1640



99.4320, -15.0030, 52.2411



# Rectangle

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



93.3710, -26.3119, -7.3414



78.1240, 4.8689, -68.5147



101.8130, 27.2072, 0.1640



101.3770, 5.2371, 47.0274

# Sweetspot

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



93.3710, -26.3119, -7.3414



134.3450, -10.0301, -2.9336



73.8330, -16.6797, 29.9645



67.6810, -6.2517, -1.4742



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



93.3710, -26.3119, -7.3414



117.1520, -40.9939, -11.5343



83.2050, -21.3001, -28.2438



52.7180, -2.3260, -0.6297



92.0010, -45.3565, -12.2789



192.2530, -94.7807, -26.5319



# Inverse Universe

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



54.6290, 26.3119, 7.3414



56.8480, 40.9939, 11.5343



64.7950, 21.3001, 28.2438



49.2820, 2.3260, 0.6297



25.2980, 45.2091, 12.8937



52.7470, 94.7807, 26.5319



# Previews

## White Background



This preview shows how the YUV color 93.3710, -26.3119, -7.3414 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 93.3710, -26.3119, -7.3414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

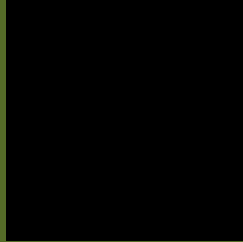
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 93.3710, -26.3119, -7.3414

## Background



This preview shows how black text looks on a background with the YUV color 93.3710, -26.3119, -7.3414.



This preview shows how white text looks on a background with the YUV color 93.3710, -26.3119, -7.3414.

-7.3414.

# 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

93.3710, -26.3119, -7.3414

### Protanopia

96.5200, -28.8504, 13.5760

### Deuteranopia

97.8570, -26.5515, 22.9274



## Tritanopia

99.5200, 4.6736, -5.7180

# Trichromacy



## Original Color

93.3710, -26.3119, -7.3414

## Protanomaly

95.4050, -27.8077, 5.7838

## Deuteranomaly

96.4920, -26.3716, 11.8465

## Tritanomaly

97.5340, -6.6723, -6.6073

# Monochromacy



## Original Color

93.3710, -26.3119, -7.3414

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.8720, -9.3039, -2.5187

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.3710, -26.3119, -7.3414 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(85, 108, 40)` looks like.

```
.text, #text, p{  
    color:rgb(85, 108, 40)  
}
```

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(85, 108, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 108, 40) }
```

## Border

The CSS property to change the border of an element to YUV 93.3710, -26.3119, -7.3414 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(85, 108, 40) }
```



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

```
.border{ border-color:rgb(85, 108, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 108, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 108, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 108, 40);  
box-shadow:4px 4px 4px 4px rgb(85, 108,  
40) }
```

# Background

The CSS property to change the background color of an element to YUV 93.3710, -26.3119, -7.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 108, 40) }
```

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

```
.background{ background-color: rgb(85, 108,  
40) }
```

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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