

# Converting Colors

YUV(99.1450, 3.3795, -10.6512)

Have a look what the booklet for  
YUV(99.1450, 3.3795, -10.6512)  
contains.

<b>YUV(99.1450, 3.3795, -10.6512)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(99.1450, 3.3795,  
-10.6512)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	57686A
RGB	87, 104, 106
RGB Percent	34%, 41%, 42%
CMY	0.6588, 0.5922, 0.5843
CMYK	0.18, 0.02, 0.00, 0.58
HSL	186°, 10%, 38%
HSV	186°, 18%, 42%
XYZ	11.4823, 12.9675, 15.5335
YIQ	99.1450, -10.7740, -2.9820

# Conversions

## Conversions Part 2

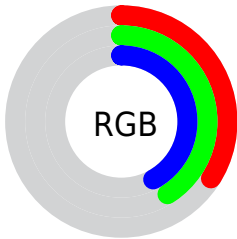
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 96, 106
Decimal	5728362
CIE <sub>Lab</sub>	42.71, -5.91, -3.27
CIE <sub>LCh</sub>	43, 6.752, 208.992
Yxy	12.9675, 0.2872, 0.3243
Android (android.graphics.Color)	4283918442 (0xFF57686A)
YUV	99.1450, 3.3795, -10.6512
Hunter-Lab	36.0104, -6.1014, -0.3681

# Details

The YUV color **99.1450, 3.3795, -10.6512** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **93.8550, -3.3795, 10.6512**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.8460, 3.5269, -11.2659**, and **52.4440, 3.2321, -10.0364** is the 20% darker color. If you saturate the color by 10%, you get **95.2690, 5.2904, -16.8989**, and if you desaturate by 10%, it is **103.0210, 1.4686, -4.4034**.

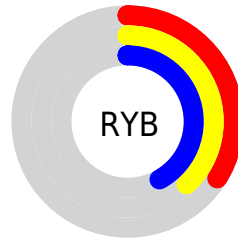
# Distribution



Red (34%)

Green (41%)

Blue (42%)



Red (34%)

Yellow (38%)

Blue (42%)

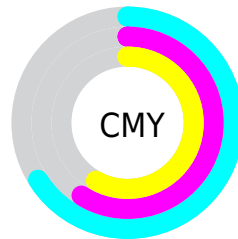


Cyan (18%)

Magenta (2%)

Yellow (0%)

Black (58%)



Cyan (66%)

Magenta (59%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.1450, 3.3795, -10.6512 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 99.1450, 3.3795, -10.6512 by changing the saturation by 10% instead.



■ 99.1450, 3.3795,  
-10.6512

■ 99.1450, 3.3795,  
-10.6512

■ 255.0000, 0.0000,  
0.0000

■ 75.1450, 3.3795,  
-10.6512

■ 149.8460, 3.5269,  
-11.2659

■ 52.4440, 3.2321,  
-10.0364

■ 176.5470, 3.6743,  
-11.8807

■ 30.7430, 3.0847,  
-9.4216

■ 204.5470, 3.6743,  
-11.8807

■ 10.0420, 2.9373,  
-8.8068

■ 232.2480, 3.8217,  
-12.4955

■ 0.0000, 0.0000,  
0.0000

■ 252.6080, 1.1793,  
-4.9182

■ 99.1450, 3.3795,  
-10.6512

■ 99.1450, 3.3795,  
-10.6512

■ 95.2690, 5.2904,  
-16.8989

■ 103.0210, 1.4686,  
-4.4034

■ 91.6920, 7.0538,  
-22.5319

■ 106.5980, -0.2948,  
1.2296

■ 87.8160, 8.9647,  
-28.7796

■ 110.4740, -2.2057,  
7.4773

■ 84.2390, 10.7282,  
-34.4126

■ 114.0510, -3.9691,  
13.1103

■ 79.7760, 12.9284,  
-40.1456

■ 118.5140, -6.1694,  
18.8432

■ 75.9000, 14.8393,  
-46.3933

■ 122.3900, -8.0803,  
25.0910

■ 72.3230, 16.6028,  
-52.0263

■ 125.9670, -9.8437,  
30.7239

■ 68.4470, 18.5136,

■ 129.8430,

-58.2740

-11.7546, 36.9717

■ 67.8490, 18.8084,  
-59.5036

■ 133.4200,  
-13.5181, 42.6047

# Harmonies

## Analogous

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



99.0590, 0.4639, -8.8217



99.1450, 3.3795, -10.6512



99.6120, 5.1213, -9.3067

# Triad

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



99.1450, 3.3795, -10.6512



102.0160, 2.4571, 5.2480



100.6540, -5.2524, 4.6884

# Complementary

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



99.1450, 3.3795, -10.6512



93.8550, -3.3795, 10.6512

# 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.



101.6760, -5.2633, 8.1771



99.1450, 3.3795, -10.6512



101.9410, -0.4639, 8.8217

# Square

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



99.1450, 3.3795, -10.6512



101.2650, 4.7994, 0.6446



101.6700, -2.7953, 9.9364



99.8490, -4.3626, -0.7446



# Rectangle

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



99.1450, 3.3795, -10.6512



100.4490, 5.6946, -6.5328



101.6700, -2.7953, 9.9364



101.2520, -5.5472, 5.9180

# Sweetspot

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



99.1450, 3.3795, -10.6512



135.3200, 1.3212, -3.7886



98.3810, -4.6248, -9.9811



67.2170, 0.8790, -1.9443



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



99.1450, 3.3795, -10.6512



126.9700, 5.4378, -17.5137



93.8620, 5.9840, -6.0180



51.6190, 1.1738, -3.1739



74.9730, 20.7193, -65.7513



156.4830, 43.6389, -137.2356



# Inverse Universe

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



94.6190, 4.6248, 9.9811



119.4610, 7.6607, 16.2587



99.1380, -5.9840, 6.0180



50.3640, 1.2995, 3.1888



46.9530, 28.6172, 61.4312



98.2210, 59.5440, 128.7252



# Previews

## White Background



This preview shows how the YUV color 99.1450, 3.3795, -10.6512 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 99.1450, 3.3795, -10.6512 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

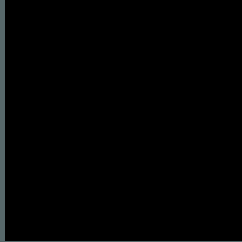
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

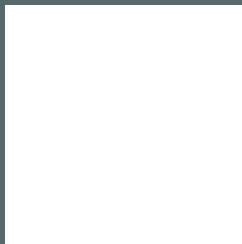
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 99.1450, 3.3795, -10.6512

## Background



This preview shows how black text looks on a background with the YUV color 99.1450, 3.3795, -10.6512.



This preview shows how white text looks on a background with the YUV color 99.1450, 3.3795, -10.6512.

-10.6512.

# 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

99.1450, 3.3795, -10.6512

### Protanopia

101.0540, 1.4524, 0.8296

### Deuteranopia

101.7170, 2.6045, 4.6332



## Tritanopia

99.4270, 5.7055, -10.0215

# Trichromacy



## Original Color

99.1450, 3.3795, -10.6512

## Protanomaly

100.2600, 2.3368, -2.8590

## Deuteranomaly

100.7980, 3.0576, -0.6998

## Tritanomaly

99.1990, 4.8319, -9.8215

# Monochromacy



## Original Color

99.1450, 3.3795, -10.6512

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.3200, 1.3212, -3.7886

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.1450, 3.3795, -10.6512 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(87, 104, 106)` looks like.

```
.text, #text, p{  
    color:rgb(87, 104, 106)  
}
```

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(87, 104, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 104, 106) }
```

## Border

The CSS property to change the border of an element to YUV 99.1450, 3.3795, -10.6512 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(87, 104, 106) }
```



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

```
.border{ border-color:rgb(87, 104, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 104, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 104, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 104, 106);  
box-shadow:4px 4px 4px 4px rgb(87, 104,  
106) }
```

# Background

The CSS property to change the background color of an element to YUV 99.1450, 3.3795, -10.6512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 104, 106) }
```

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

```
.background{ background-color: rgb(87, 104,  
106) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor