

# Converting Colors

YUV(93.3950, -12.5197, 2.2846)

Have a look what the booklet for  
YUV(93.3950, -12.5197, 2.2846)  
contains.

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# Color

**YUV(93.3950, -12.5197,  
2.2846)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	606144
RGB	96, 97, 68
RGB Percent	38%, 38%, 27%
CMY	0.6235, 0.6196, 0.7333
CMYK	0.01, 0.00, 0.30, 0.62
HSL	62°, 18%, 32%
HSV	62°, 30%, 38%
XYZ	10.1420, 11.4535, 7.1451
YIQ	93.3950, 8.7130, -9.2310

# Conversions

## Conversions Part 2

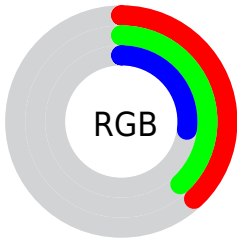
<b>Format</b>	<b>Color</b>
<b>RYB</b>	68, 97, 69
Decimal	6316356
CIELab	40.33, -5.66, 16.46
CIELCh	40, 17.405, 108.994
Yxy	11.4535, 0.3529, 0.3985
Android (android.graphics.Color)	4284506436 (0xFF606144)
YUV	93.3950, -12.5197, 2.2846
Hunter-Lab	33.8431, -5.7333, 11.1727

# Details

The YUV color  $93.3950, -12.5197, 2.2846$  is a dark color, and the websafe version is hex  $666633$ . A complement of this color would be  $71.6050, 12.5197, -2.2846$ , and the grayscale version is  $94.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $144.0530, -13.8301, 2.5845$ , and  $47.3240, -11.4987, 1.4699$  is the 20% darker color. If you saturate the color by 10%, you get  $92.2550, -16.8877, 3.2844$ , and if you desaturate by 10%, it is  $94.5350, -8.1518, 1.2848$ .

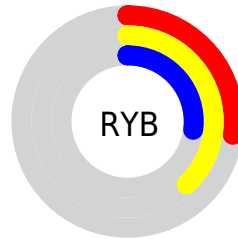
# Distribution



Red (38%)

Green (38%)

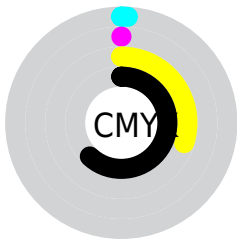
Blue (27%)



Red (27%)

Yellow (38%)

Blue (27%)

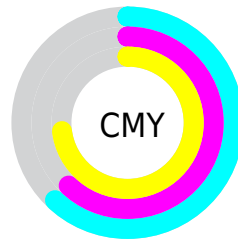


Cyan (1%)

Magenta (0%)

Yellow (30%)

Black (62%)



Cyan (62%)

Magenta (62%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.3950, -12.5197, 2.2846 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 93.3950, -12.5197, 2.2846 by changing the saturation by 10% instead.



■ 93.3950, -12.5197,  
2.2846

■ 93.3950, -12.5197,  
2.2846

■ 255.0000, 0.0000,  
0.0000

■ 69.6230, -11.6461,  
2.0846

■ 144.0530,  
-13.8301, 2.5845

■ 47.3240, -11.4987,  
1.4699

■ 170.3520,  
-13.9775, 3.1993

■ 26.2810, -12.9565,  
2.3846

■ 197.3520,  
-13.9775, 3.1993

■ 1.1740, -0.5788,  
-1.0296

■ 225.8250,  
-14.7037, 2.7845

■ 0.0000, 0.0000,  
0.0000

■ 251.4660,  
-13.5407, 3.0993

■ 254.6580, -1.3104,

0.2999

■ 93.3950, -12.5197,  
2.2846

■ 93.3950, -12.5197,  
2.2846

■ 92.2550, -16.8877,  
3.2844

■ 94.5350, -8.1518,  
1.2848

■ 90.9300, -20.6715,  
3.5694

■ 95.8600, -4.3680,  
0.9998

■ 89.7900, -25.0395,  
4.5692

■ 97.0000, 0.0000,  
0.0000

■ 88.6500, -29.4074,  
5.5690

■ 98.1400, 4.3680,  
-0.9998

■ 87.3250, -33.1912,  
5.8540

■ 99.4650, 8.1518,  
-1.2848

■ 86.1850, -37.5592,  
6.8538

■ 100.6050, 12.5197,  
-2.2846

■ 85.0450, -41.9272,  
7.8535

■ 101.7450, 16.8877,  
-3.2844

■ 103.1840, 21.1083,  
-3.6694

■ 104.2100, 25.0395,  
-4.5692

# Harmonies

## Analogous

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



94.5320, -13.5733, 13.5654



93.3950, -12.5197, 2.2846



91.8710, -7.8244, -10.4109

# Triad

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



93.3950, -12.5197, 2.2846



88.9560, 13.3327, -29.7794



97.2890, 1.8295, 19.9175

# Complementary

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



93.3950, -12.5197, 2.2846



71.6050, 12.5197, -2.2846

# 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.



96.9440, 8.4086, 9.6961



93.3950, -12.5197, 2.2846



92.4780, 15.0473, -19.7132

# Square

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



93.3950, -12.5197, 2.2846



88.1640, 7.8071, -30.8388



95.4090, 13.1094, -4.7437



96.7750, -5.3121, 23.8763



# Rectangle

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



93.3950, -12.5197, 2.2846



90.0810, -2.9979, -18.4880



95.4090, 13.1094, -4.7437



97.5490, 4.1663, 17.0585

# Sweetspot

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



93.3950, -12.5197, 2.2846



123.7460, -4.8048, 1.0998



77.2580, -4.5642, 17.3137



63.2020, -3.0576, 0.6998



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



93.3950, -12.5197, 2.2846



119.2720, -19.3611, 3.2695



89.2090, -10.4560, -6.3223



47.5440, -1.7472, 0.3999



98.0360, -48.3317, 8.7384



209.9490, -103.5049, 18.4617



# Inverse Universe

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



71.6050, 12.5197, -2.2846



85.7280, 19.3611, -3.2695



75.7910, 10.4560, 6.3223



44.4560, 1.7472, -0.3999



13.9640, 48.3317, -8.7384



29.7520, 103.6523, -19.0765



# Previews

## White Background



This preview shows how the YUV color 93.3950, -12.5197, 2.2846 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 93.3950, -12.5197, 2.2846 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

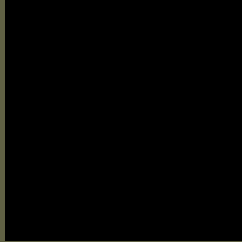
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 93.3950, -12.5197, 2.2846**

## **Background**



This preview shows how black text looks on a background with the YUV color 93.3950, -12.5197, 2.2846.



This preview shows how white text looks on a background with the YUV color 93.3950, -12.5197,



# 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

93.3950, -12.5197, 2.2846

### Protanopia

93.9010, -13.2622, 7.1028

### Deuteranopia

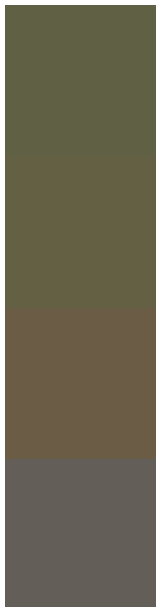
95.0700, -12.8525, 15.7246



## Tritanopia

95.8910, 2.0257, 3.6036

# Trichromacy



## Original Color

93.3950, -12.5197, 2.2846

## Protanomaly

93.8900, -13.2568, 5.3585

## Deuteranomaly

94.4500, -12.5468, 11.0064

## Tritanomaly

94.8110, -3.3578, 3.6738

# Monochromacy



## Original Color

93.3950, -12.5197, 2.2846

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.8600, -4.3680, 0.9998

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.3950, -12.5197, 2.2846 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(96, 97, 68)` looks like.

```
.text, #text, p{  
    color:rgb(96, 97, 68)  
}
```

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(96, 97, 68) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 97, 68) }
```

## Border

The CSS property to change the border of an element to YUV 93.3950, -12.5197, 2.2846 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(96, 97, 68) }
```



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

```
.border{ border-color:rgb(96, 97, 68) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 97, 68)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 97, 68); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 97, 68);  
box-shadow:4px 4px 4px 4px rgb(96, 97, 68)  
}
```

# Background

The CSS property to change the background color of an element to YUV 93.3950, -12.5197, 2.2846 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 97, 68) }
```

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

```
.background{ background-color: rgb(96, 97,  
68) }
```

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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