

# Converting Colors

YUV(53.7990, 28.2001,  
-38.4117)

Have a look what the booklet for  
YUV(53.7990, 28.2001, -38.4117)  
contains.

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# Color

**YUV(53.7990, 28.2001,  
-38.4117)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	0A416F
RGB	10, 65, 111
RGB Percent	4%, 25%, 44%
CMY	0.9608, 0.7451, 0.5647
CMYK	0.91, 0.41, 0.00, 0.56
HSL	207°, 83%, 24%
HSV	207°, 91%, 44%
XYZ	4.8847, 4.9928, 15.7452
YIQ	53.7990, -47.5460, 2.6460

# Conversions

## Conversions Part 2

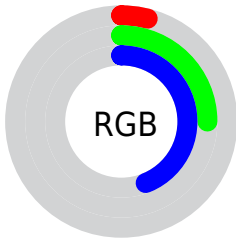
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	10, 46, 111
Decimal	672111
CIE <sub>Lab</sub>	26.71, 1.78, -31.33
CIE <sub>LCh</sub>	27, 31.382, 273.257
Yxy	4.9928, 0.1906, 0.1949
Android (android.graphics.Color)	4278862191 (0xFF0A416F)
YUV	53.7990, 28.2001, -38.4117
Hunter-Lab	22.3446, -0.0815, -26.1376

# Details

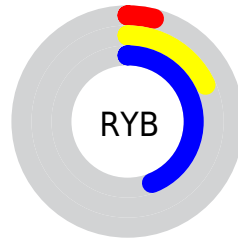
The YUV color **53.7990, 28.2001, -38.4117** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **67.2010, -28.2001, 38.4117**, and the grayscale version is **54.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **106.7510, 27.7308, -27.8456**, and **20.6830, 20.8623, -18.1390** is the 20% darker color. If you saturate the color by 10%, you get **47.8740, 31.1211, -41.9855**, and if you desaturate by 10%, it is **60.0230, 25.1317, -34.2232**.

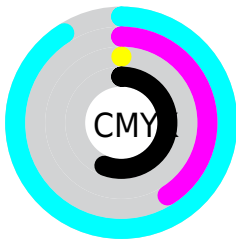
# Distribution



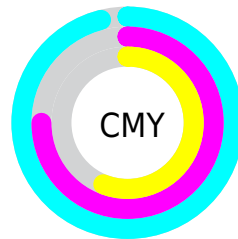
- Red (4%)
- Green (25%)
- Blue (44%)



- Red (4%)
- Yellow (18%)
- Blue (44%)



- Cyan (91%)
- Magenta (41%)
- Yellow (0%)
- Black (56%)



- Cyan (96%)
- Magenta (75%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 53.7990, 28.2001, -38.4117 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 53.7990, 28.2001, -38.4117 by changing the saturation by 10% instead.



■ 53.7990, 28.2001,  
-38.4117

■ 53.7990, 28.2001,  
-38.4117

■ 255.0000, 0.0000,  
0.0000

■ 35.0450, 25.1208,  
-30.7345

■ 106.7510, 27.7308,  
-27.8456

■ 20.6830, 20.8623,  
-18.1390

■ 133.1640, 28.0201,  
-27.3308

■ 6.4350, 17.0405,  
-5.6435

■ 159.6910, 28.7463,  
-26.9160

■ 2.6390, 7.5730,  
-2.3144

■ 186.9190, 29.6199,  
-27.1160

■ 0.0000, 0.0000,  
0.0000

■ 212.9380, 20.7366,  
-24.5016

■ 237.7460, 8.5062,

-21.7022

251.1130, 1.9163,  
-7.9921

53.7990, 28.2001,  
-38.4117

53.7990, 28.2001,  
-38.4117

47.8740, 31.1211,  
-41.9855

60.0230, 25.1317,  
-34.2232

66.2470, 22.0632,  
-30.0346

72.4710, 18.9948,  
-25.8461

78.6950, 15.9264,  
-21.6575

85.2180, 12.7105,  
-16.8542

■ 91.4420, 9.6421,  
-12.6656

■ 97.6660, 6.5737,  
-8.4771

■ 103.8900, 3.5052,  
-4.2885

■ 110.1140, 0.4368,  
-0.1000

# Harmonies

## Analogous

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



53.7610, 25.7538, -47.1484



53.7990, 28.2001, -38.4117



64.6470, 18.9080, 2.0636

# Triad

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



53.7990, 28.2001, -38.4117



62.1420, -11.9020, 37.5865



50.2160, -4.5435, -36.1464

# Complementary

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



53.7990, 28.2001, -38.4117



67.2010, -28.2001, 38.4117

# 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.



57.4340, -18.4550, -7.3966



53.7990, 28.2001, -38.4117



61.7850, -20.6000, 27.3756

# Square

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



53.7990, 28.2001, -38.4117



62.8290, -0.4087, 37.8610



60.0620, -24.1876, 11.3466



51.4350, 6.6875, -45.1085



# Rectangle

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



53.7990, 28.2001, -38.4117



65.2640, 13.1808, 19.0625



60.0620, -24.1876, 11.3466



54.0990, -10.4018, -23.7658

# Sweetspot

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



53.7990, 28.2001, -38.4117



122.7730, 10.9579, -14.7099



74.4170, -9.5726, -56.4937



60.3670, 6.7211, -9.0919



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



53.7990, 28.2001, -38.4117



62.9030, 40.4738, -55.1659



24.4490, 42.6696, -12.6718



53.0320, 1.4632, -2.6591



51.8350, 33.6053, -45.4593



107.4030, 68.8213, -94.1924



# Inverse Universe

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



46.4690, 9.1358, 56.5937



52.3610, 13.1330, 81.2444



96.5510, -42.6696, 12.6718



52.2500, 0.8628, 3.2888



43.2900, 10.7030, 67.2747



89.2430, 22.5582, 138.3529



# Previews

## White Background



This preview shows how the YUV color 53.7990, 28.2001, -38.4117 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



This preview shows how the YUV color 53.7990, 28.2001, -38.4117 looks on a 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 53.7990, 28.2001, -38.4117

## Background



This preview shows how black text looks on a background with the YUV color 53.7990, 28.2001, -38.4117.



This preview shows how white text looks on a background with the YUV color 53.7990, 28.2001,



# 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

53.7990, 28.2001, -38.4117

### Protanopia

61.5630, 22.8934, -16.2798

### Deuteranopia

56.8000, 26.7206, -30.5196



## Tritanopia

49.6400, 12.5025, -43.5343

# Trichromacy



## Original Color

53.7990, 28.2001, -38.4117

## Protanomaly

58.6760, 24.8097, -24.2719

## Deuteranomaly

55.6040, 27.3102, -32.9787

## Tritanomaly

51.1440, 18.1700, -41.3453

# Monochromacy



## Original Color

53.7990, 28.2001, -38.4117

## Achromatopsia

54.0000, 0.0000, 0.0000

## Achromatomaly

53.9580, 10.3737, -13.9952

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 53.7990, 28.2001, -38.4117 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(10, 65, 111)` looks like.

```
.text, #text, p{  
    color:rgb(10, 65, 111)  
}
```

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(10, 65, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 65, 111) }
```

## Border

The CSS property to change the border of an element to YUV 53.7990, 28.2001, -38.4117 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(10, 65, 111) }
```



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

```
.border{ border-color:rgb(10, 65, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 65, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 65, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 65, 111);  
box-shadow:4px 4px 4px 4px rgb(10, 65,  
111) }
```

# Background

The CSS property to change the background color of an element to YUV 53.7990, 28.2001, -38.4117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 65, 111) }
```

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

```
.background{ background-color: rgb(10, 65,  
111) }
```

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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