

# Converting Colors

YUV(122.7990, 24.7491,  
-51.5667)

Have a look what the booklet for  
YUV(122.7990, 24.7491, -51.5667)  
contains.

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# Color

**YUV(122.7990, 24.7491,  
-51.5667)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	408FAD
RGB	64, 143, 173
RGB Percent	25%, 56%, 68%
CMY	0.7490, 0.4392, 0.3216
CMYK	0.63, 0.17, 0.00, 0.32
HSL	197°, 46%, 46%
HSV	197°, 63%, 68%
XYZ	19.4796, 23.7520, 43.0931
YIQ	122.7990, -56.7140, -7.4180

# Conversions

## Conversions Part 2

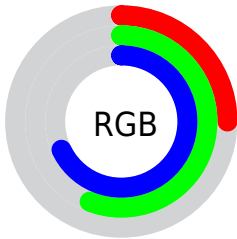
Format	Color
R <sub>Y</sub> B	64, 110, 173
Decimal	4231085
CIE Lab	55.84, -14.86, -22.98
CIE LCh	56, 27.365, 237.119
Yxy	23.7520, 0.2257, 0.2751
Android (android.graphics.Color)	4282421165 (0xFF408FAD)
YUV	122.7990, 24.7491, -51.5667
Hunter-Lab	48.7361, -13.9423, -18.3098

# Details

The YUV color **122.7990, 24.7491, -51.5667** is a dark color, and the websafe version is hex **3399CC**. A complement of this color would be **114.2010, -24.7491, 51.5667**, and the grayscale version is **123.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.2230, 25.0331, -49.3076**, and **68.3850, 25.9392, -59.9736** is the 20% darker color. If you saturate the color by 10%, you get **114.7810, 28.7020, -59.4439**, and if you desaturate by 10%, it is **130.8170, 20.7962, -43.6895**.

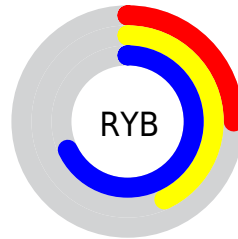
# Distribution



Red (25%)

Green (56%)

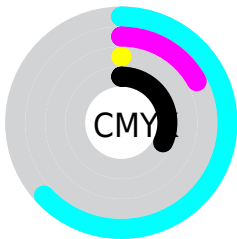
Blue (68%)



Red (25%)

Yellow (43%)

Blue (68%)

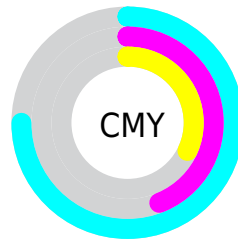


Cyan (63%)

Magenta (17%)

Yellow (0%)

Black (32%)



Cyan (75%)

Magenta (44%)

Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 122.7990, 24.7491, -51.5667 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 122.7990, 24.7491, -51.5667 by changing the saturation by 10% instead.



122.7990, 24.7491,  
-51.5667

122.7990, 24.7491,  
-51.5667

255.0000, 0.0000,  
0.0000

93.9940, 25.6390,  
-56.9997

178.2230, 25.0331,  
-49.3076

68.3850, 25.9392,  
-59.9736

206.2940, 24.0121,  
-48.4928

51.4470, 21.9646,  
-45.1190

231.1020, 11.7817,  
-45.6935

35.7970, 17.8481,  
-31.3940

241.2460, 6.7807,  
-28.2797

21.4350, 13.5895,  
-18.7985

249.9170, 2.5059,  
-10.4512

4.3660, 11.6516,  
-3.8290

0.0000, 0.0000,

0.0000

■ 122.7990, 24.7491,  
-51.5667

■ 122.7990, 24.7491,  
-51.5667

■ 114.7810, 28.7020,  
-59.4439

■ 130.8170, 20.7962,  
-43.6895

■ 106.4640, 32.8022,  
-67.9359

■ 139.1340, 16.6959,  
-35.1975

■ 99.0330, 36.4657,  
-76.3279

■ 146.5650, 13.0325,  
-26.8055

■ 93.0970, 39.3922,  
-81.6461

■ 154.5830, 9.0796,  
-18.9283

■ 162.9000, 4.9793,  
-10.4363

■ 170.9180, 1.0264,  
-2.5591

■ 178.3490, -2.6371,  
5.8329

■ 186.3670, -6.5899,  
13.7101

■ 194.6840,  
-10.6902, 22.2021

# Harmonies

## Analogous

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



119.2190, 17.6400, -58.0741



122.7990, 24.7491, -51.5667



130.3550, 24.9680, -28.3753

# Triad

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



122.7990, 24.7491, -51.5667



136.9320, 0.0335, 36.0166



130.2390, -19.3448, -1.9636

# Complementary

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



122.7990, 24.7491, -51.5667



114.2010, -24.7491, 51.5667

# 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.



132.7360, -23.0408, 16.8945



122.7990, 24.7491, -51.5667



135.6800, -11.1812, 39.7456

# Square

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



122.7990, 24.7491, -51.5667



137.1180, 11.2808, 21.8215



134.1600, -19.3059, 32.3087



126.6260, -9.6756, -23.3510



# Rectangle

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



122.7990, 24.7491, -51.5667



133.7810, 22.2930, -10.3319



134.1600, -19.3059, 32.3087



131.1150, -21.2557, 4.2841

# Sweetspot

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



122.7990, 24.7491, -51.5667



204.9850, 9.3744, -20.1578



131.2890, -18.8765, -59.0125



100.1170, 5.8583, -12.3806



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000



# Same Dimension

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



122.7990, 24.7491, -51.5667



145.5810, 38.6606, -80.3165



91.1010, 40.3762, -23.7676



82.5480, 2.1948, -3.9886



81.0830, 33.9761, -71.1098



12.6010, 5.1267, -11.0511



# Inverse Universe

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



105.5970, 18.4397, 59.1124



118.8520, 28.6670, 92.2148



145.8990, -40.3762, 23.7676



81.3750, 1.2941, 4.9331



57.2760, 25.4999, 81.3189



8.8150, 4.0352, 12.4402



# Previews

## White Background



This preview shows how the YUV color 122.7990, 24.7491, -51.5667 looks on a white 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



# Black Background



This preview shows how the YUV color 122.7990, 24.7491, -51.5667 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

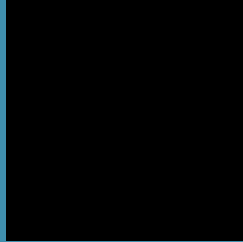
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 122.7990, 24.7491, -51.5667 Background



This preview shows how black text looks on a background with the YUV color 122.7990, 24.7491, -51.5667.



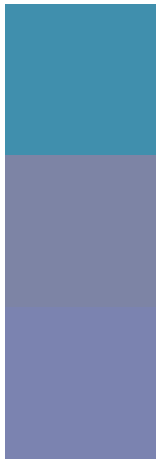
This preview shows how white text looks on a background with the YUV color 122.7990, 24.7491, -51.5667.



# 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

122.7990, 24.7491, -51.5667

### Protanopia

133.6690, 15.4462, -7.6027

### Deuteranopia

133.7380, 20.8352, -9.4172



## Tritanopia

120.3440, 18.0714, -56.4297

# Trichromacy



## Original Color

122.7990, 24.7491, -51.5667

## Protanomaly

129.7810, 18.8420, -23.4869

## Deuteranomaly

129.6930, 22.3364, -24.2868

## Tritanomaly

121.3380, 20.5394, -54.6704

# Monochromacy



## Original Color

122.7990, 24.7491, -51.5667

## Achromatopsia

123.0000, 0.0000, 0.0000

## Achromatomaly

122.8820, 8.9322, -18.3135

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 122.7990, 24.7491, -51.5667 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(64, 143, 173)` looks like.

```
.text, #text, p{  
    color:rgb(64, 143, 173)  
}
```

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(64, 143, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 143, 173) }
```

## Border

The CSS property to change the border of an element to YUV 122.7990, 24.7491, -51.5667 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(64, 143, 173) }
```



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

```
.border{ border-color:rgb(64, 143, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 143, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 143, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 143, 173);  
box-shadow:4px 4px 4px 4px rgb(64, 143,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 122.7990, 24.7491, -51.5667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 143, 173) }
```

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

```
.background{ background-color: rgb(64, 143,  
173) }
```

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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