

# Converting Colors

YUV(113.2030, 25.0429,  
-99.2790)

Have a look what the booklet for  
YUV(113.2030, 25.0429, -99.2790)  
contains.

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# Color

**YUV(113.2030, 25.0429,  
-99.2790)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00A1A4
RGB	0, 161, 164
RGB Percent	0%, 63%, 64%
CMY	1.0000, 0.3686, 0.3569
CMYK	1.00, 0.02, 0.00, 0.36
HSL	181°, 100%, 32%
HSV	181°, 100%, 64%
XYZ	19.4457, 28.1701, 39.5344
YIQ	113.2030, -96.9190, -33.1990

# Conversions

## Conversions Part 2

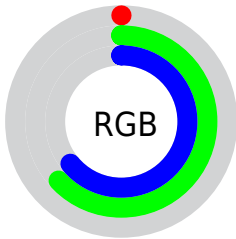
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 81, 164
Decimal	41380
CIELab	60.04, -33.15, -11.57
CIElCh	60, 35.108, 199.250
Yxy	28.1701, 0.2231, 0.3232
Android (android.graphics.Color)	4278231460 (0xFF00A1A4)
YUV	113.2030, 25.0429, -99.2790
Hunter-Lab	53.0755, -27.4836, -7.0106

# Details

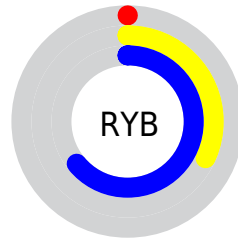
The YUV color **113.2030, 25.0429, -99.2790** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **50.7970, -25.0429, 99.2790**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.8640, 19.2940, -75.3027**, and **76.7510, 17.3778, -67.3106** is the 20% darker color. If you saturate the color by 10%, you get **113.2030, 25.0429, -99.2790**, and if you desaturate by 10%, it is **117.9870, 22.6844, -89.4426**.

# Distribution



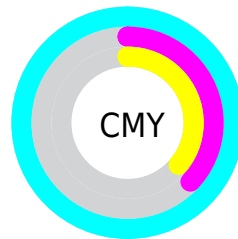
- Red (0%)
- Green (63%)
- Blue (64%)



- Red (0%)
- Yellow (32%)
- Blue (64%)



- Cyan (100%)
- Magenta (2%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (37%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.2030, 25.0429, -99.2790 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 113.2030, 25.0429, -99.2790 by changing the saturation by 10% instead.



■ 113.2030, 25.0429,  
-99.2790

■ 113.2030, 25.0429,  
-99.2790

■ 255.0000, 0.0000,  
0.0000

■ 94.3900, 21.4997,  
-82.7800

■ 179.8640, 19.2940,  
-75.3027

■ 76.7510, 17.3778,  
-67.3106

■ 209.3480, 18.5624,  
-73.9732

■ 59.3400, 14.1294,  
-52.0412

■ 225.1000, 14.7407,  
-61.4777

■ 42.6300, 11.0284,  
-37.3865

■ 234.0700, 10.3185,  
-43.0344

■ 27.7950, 7.4961,  
-24.3762

■ 243.0400, 5.8963,  
-24.5911

■ 3.2090, 9.7570,  
-2.8143

■ 252.3090, 1.3267,

■ 0.0000, 0.0000,

-5.5330

0.0000

■ 113.2030, 25.0429,  
-99.2790

■ 117.9870, 22.6844,  
-89.4426

■ 123.6570, 19.8891,  
-79.5062

■ 128.4410, 17.5306,  
-69.6698

■ 133.5240, 15.0247,  
-59.2185

■ 138.3080, 12.6662,  
-49.3821

■ 143.6790, 10.0183,  
-40.0605

■ 148.7620, 7.5123,  
-29.6093

■ 153.5460, 5.1538,  
-19.7728

■ 159.2160, 2.3585,  
-9.8364

# Harmonies

## Analogous

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



129.3000, 1.3311, -53.7601



113.2030, 25.0429, -99.2790



114.5200, 37.7046, -100.4340

# Triad

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



113.2030, 25.0429, -99.2790



148.5400, 17.9748, 21.4514



143.4940, -29.3305, 27.6308

# Complementary

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



113.2030, 25.0429, -99.2790



50.7970, -25.0429, 99.2790

# 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.



145.0260, -22.6908, 44.7042



113.2030, 25.0429, -99.2790



148.4150, 4.2324, 42.6090

# Square

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



113.2030, 25.0429, -99.2790



145.3770, 28.4081, -11.7316



146.6860, -10.1982, 51.1414



140.5080, -27.3654, 3.9395



# Rectangle

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



113.2030, 25.0429, -99.2790



130.4690, 35.2648, -64.4323



146.6860, -10.1982, 51.1414



143.8800, -28.0418, 34.3082

# Sweetspot

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



113.2030, 25.0429, -99.2790



194.2770, 9.7234, -38.8309



96.6100, -46.1497, -84.7270



95.0510, 5.8909, -22.8467



235.0000, 0.0000, 0.0000



107.0000, 0.0000, 0.0000

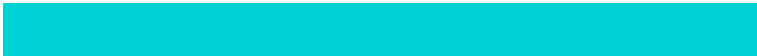


# Same Dimension

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



113.2030, 25.0429, -99.2790



147.6660, 32.7027, -129.5031



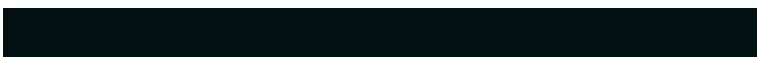
65.0690, 48.7730, -57.0655



78.7220, 1.6161, -5.0182



100.4710, 21.9528, -88.1131



12.6180, 2.6533, -11.0660



# Inverse Universe

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



67.3900, 46.1497, 84.7270



87.9260, 60.1825, 110.5669



98.9310, -48.7730, 57.0655



76.6030, 2.1677, 4.7332



59.6570, 41.0881, 74.8458



7.4340, 5.2090, 9.2664



# Previews

## White Background



This preview shows how the YUV color 113.2030, 25.0429, -99.2790 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 113.2030, 25.0429, -99.2790 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

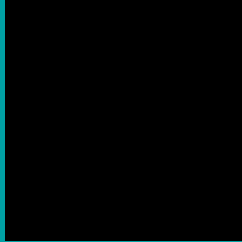
Any Text WCAG AA ✓ Pass

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 113.2030, 25.0429, -99.2790 Background



This preview shows how black text looks on a background with the YUV color 113.2030, 25.0429, -99.2790.



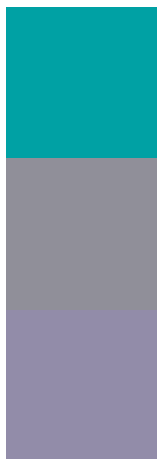
This preview shows how white text looks on a background with the YUV color 113.2030, 25.0429,



# 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

113.2030, 25.0429, -99.2790

### Protanopia

144.4390, 4.2206, -0.3850

### Deuteranopia

145.1000, 11.7827, 0.7893



## Tritanopia

121.4160, 25.4309, -83.6798

# Trichromacy



## Original Color

113.2030, 25.0429, -99.2790

## Protanomaly

133.4560, 11.6072, -36.3569

## Deuteranomaly

133.7210, 16.4065, -35.7123

## Tritanomaly

118.3830, 25.4472, -88.9129

# Monochromacy



## Original Color

113.2030, 25.0429, -99.2790

## Achromatopsia

113.0000, 0.0000, 0.0000

## Achromatomaly

112.8860, 9.4232, -35.8570

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.2030, 25.0429, -99.2790 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(0, 161, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 161, 164)  
}
```

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(0, 161, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 161, 164) }
```

## Border

The CSS property to change the border of an element to YUV 113.2030, 25.0429, -99.2790 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(0, 161, 164) }
```



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

```
.border{ border-color:rgb(0, 161, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 161, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 161, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 161, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 161,  
164) }
```

# Background

The CSS property to change the background color of an element to YUV 113.2030, 25.0429, -99.2790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 161, 164) }
```

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

```
.background{ background-color: rgb(0, 161,  
164) }
```

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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