

# Converting Colors

YUV(103.0730, 29.0510,  
-78.1170)

Have a look what the booklet for  
YUV(103.0730, 29.0510, -78.1170)  
contains.

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# Color

**YUV(103.0730, 29.0510,  
-78.1170)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0E89A2
RGB	14, 137, 162
RGB Percent	5%, 54%, 64%
CMY	0.9451, 0.4627, 0.3647
CMYK	0.91, 0.15, 0.00, 0.36
HSL	190°, 84%, 35%
HSV	190°, 91%, 64%
XYZ	15.6484, 20.5933, 37.3326
YIQ	103.0730, -81.3330, -18.3010

# Conversions

## Conversions Part 2

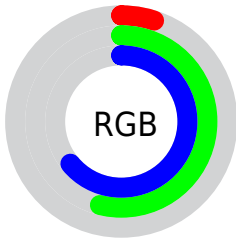
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	14, 81, 162
Decimal	952738
CIE <sub>Lab</sub>	52.50, -21.23, -21.88
CIE <sub>LCh</sub>	53, 30.481, 225.865
Yxy	20.5933, 0.2127, 0.2799
Android (android.graphics.Color)	4279142818 (0xFF0E89A2)
YUV	103.0730, 29.0510, -78.1170
Hunter-Lab	45.3799, -17.8625, -17.0101

# Details

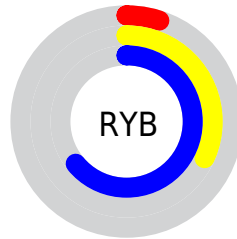
The YUV color **103.0730, 29.0510, -78.1170** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **72.9270, -29.0510, 78.1170**, and the grayscale version is **103.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **164.6620, 25.8026, -62.8476**, and **63.6090, 22.8708, -55.7851** is the 20% darker color. If you saturate the color by 10%, you get **97.7130, 31.6935, -85.6943**, and if you desaturate by 10%, it is **109.6180, 25.8243, -69.8250**.

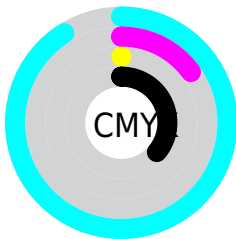
# Distribution



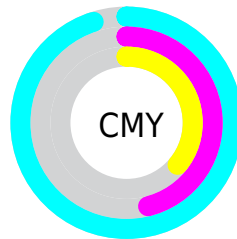
- Red (5%)
- Green (54%)
- Blue (64%)



- Red (5%)
- Yellow (32%)
- Blue (64%)



- Cyan (91%)
- Magenta (15%)
- Yellow (0%)
- Black (36%)



- Cyan (95%)
- Magenta (46%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 103.0730, 29.0510, -78.1170 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 103.0730, 29.0510, -78.1170 by changing the saturation by 10% instead.



103.0730, 29.0510,  
-78.1170

103.0730, 29.0510,  
-78.1170

255.0000, 0.0000,  
0.0000

80.6610, 27.2821,  
-70.7397

164.6620, 25.8026,  
-62.8476

63.6090, 22.8708,  
-55.7851

193.2600, 25.5078,  
-61.6180

46.7850, 19.3330,  
-41.0304

219.5070, 17.4980,  
-59.2036

31.2490, 15.6532,  
-27.4054

233.1730, 10.7607,  
-44.8787

15.2400, 12.6997,  
-13.3655

242.1430, 6.3385,  
-26.4354

2.7530, 8.0098,  
-2.4144

251.1130, 1.9163,

0.0000, 0.0000,

-7.9921

0.0000

■ 103.0730, 29.0510,  
-78.1170

■ 103.0730, 29.0510,  
-78.1170

■ 97.7130, 31.6935,  
-85.6943

■ 109.6180, 25.8243,  
-69.8250

■ 115.5760, 22.8870,  
-61.0182

■ 122.4200, 19.5129,  
-52.1113

■ 128.9650, 16.2863,  
-43.8193

■ 135.5100, 13.0596,  
-35.5273

■ 141.4680, 10.1223,  
-26.7204

■ 148.0130, 6.8956,  
-18.4284

■ 154.8570, 3.5215,  
-9.5216

■ 161.4020, 0.2948,  
-1.2296

# Harmonies

## Analogous

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



104.9140, 16.8044, -70.0846



103.0730, 29.0510, -78.1170



116.2820, 28.9480, -44.9743

# Triad

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



103.0730, 29.0510, -78.1170



128.3000, 5.2751, 34.8169



122.1430, -23.7345, 6.0136

# Complementary

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



103.0730, 29.0510, -78.1170



72.9270, -29.0510, 78.1170

# 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.



124.1500, -24.2309, 25.3015



103.0730, 29.0510, -78.1170



127.0270, -7.4083, 42.9493

# Square

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



103.0730, 29.0510, -78.1170



128.4530, 16.5387, 15.3887



126.1330, -18.3066, 38.4714



118.8780, -15.2229, -17.4330



# Rectangle

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



103.0730, 29.0510, -78.1170



122.8440, 26.6989, -23.5422



126.1330, -18.3066, 38.4714



122.6600, -24.4824, 12.5762

# Sweetspot

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



103.0730, 29.0510, -78.1170



189.0870, 11.2961, -29.8943



103.7260, -31.9099, -78.6897



93.3120, 6.7482, -17.8136



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.



103.0730, 29.0510, -78.1170



127.4800, 41.6684, -111.8000



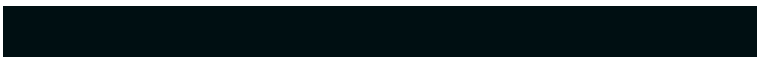
59.6350, 50.4659, -40.0219



78.1350, 1.9054, -4.5034



87.5570, 28.3194, -76.7875



10.8570, 3.5215, -9.5216



# Inverse Universe

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



72.2740, 31.9099, 78.6897



83.4520, 45.6262, 112.7366



116.3650, -50.4659, 40.0219



76.4890, 1.7309, 4.8331



57.1490, 31.4785, 77.0453



7.0920, 3.8986, 9.5663



# Previews

## White Background



This preview shows how the YUV color 103.0730, 29.0510, -78.1170 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 103.0730, 29.0510, -78.1170 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

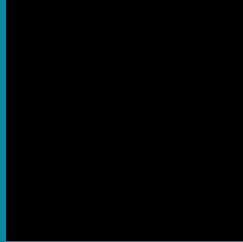
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 103.0730, 29.0510, -78.1170

## Background



This preview shows how black text looks on a background with the YUV color 103.0730, 29.0510, -78.1170.



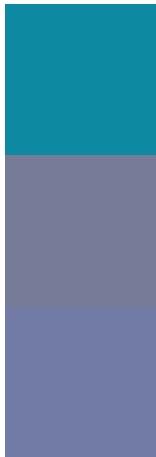
This preview shows how white text looks on a background with the YUV color 103.0730, 29.0510, -78.1170.

-78.1170.

# 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

103.0730, 29.0510, -78.1170

### Protanopia

124.8110, 13.4042, -5.9732

### Deuteranopia

125.0970, 19.6722, -9.7321



## **Tritanopia**

98.6930, 25.2944, -86.5538

# Trichromacy



## Original Color

103.0730, 29.0510, -78.1170

## Protanomaly

116.8400, 19.3059, -32.3087

## Deuteranomaly

117.1540, 23.0951, -34.3381

## Tritanomaly

100.0570, 26.5939, -83.3650

# Monochromacy



## Original Color

103.0730, 29.0510, -78.1170

## Achromatopsia

103.0000, 0.0000, 0.0000

## Achromatomaly

102.8700, 10.4171, -27.9500

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 103.0730, 29.0510, -78.1170 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(14, 137, 162)` looks like.

```
.text, #text, p{  
    color:rgb(14, 137, 162)  
}
```

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(14, 137, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 137, 162) }
```

## Border

The CSS property to change the border of an element to YUV 103.0730, 29.0510, -78.1170 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(14, 137, 162) }
```



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

```
.border{ border-color:rgb(14, 137, 162) }
```

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

Here you see how a box with a 4 pixel rgb(14, 137, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 137, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 137, 162);  
box-shadow:4px 4px 4px 4px rgb(14, 137,  
162) }
```

# Background

The CSS property to change the background color of an element to YUV 103.0730, 29.0510, -78.1170 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 137, 162) }
```

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

```
.background{ background-color: rgb(14, 137,  
162) }
```

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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