

# Converting Colors

YUV(121.8560, 24.7210,  
-89.3277)

Have a look what the booklet for  
YUV(121.8560, 24.7210, -89.3277)  
contains.

<b>YUV(121.8560, 24.7210, -89.3277)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(121.8560, 24.7210,  
-89.3277)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14A4AC
RGB	20, 164, 172
RGB Percent	8%, 64%, 67%
CMY	0.9216, 0.3569, 0.3255
CMYK	0.88, 0.05, 0.00, 0.33
HSL	183°, 79%, 38%
HSV	183°, 88%, 67%
XYZ	21.0103, 29.6782, 43.6508
YIQ	121.8560, -88.3920, -28.0400

# Conversions

## Conversions Part 2

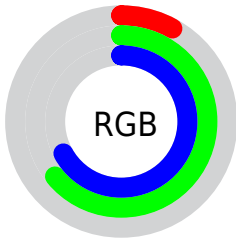
Format	Color
R <sub>YB</sub>	20, 94, 172
Decimal	1352876
CIE Lab	61.38, -31.19, -14.07
CIE LCh	61, 34.219, 204.270
Yxy	29.6782, 0.2227, 0.3146
Android (android.graphics.Color)	4279542956 (0xFF14A4AC)
YUV	121.8560, 24.7210, -89.3277
Hunter-Lab	54.4777, -26.4941, -9.3723

# Details

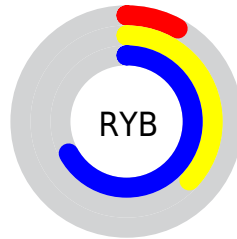
The YUV color **121.8560, 24.7210, -89.3277** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **70.1440, -24.7210, 89.3277**, and the grayscale version is **122.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.3310, 21.0358, -73.9583**, and **79.4240, 20.0040, -69.6548** is the 20% darker color. If you saturate the color by 10%, you get **116.1860, 27.5163, -99.2641**, and if you desaturate by 10%, it is **127.5260, 21.9257, -79.3913**.

# Distribution



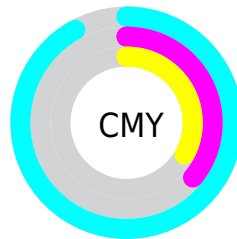
- Red (8%)
- Green (64%)
- Blue (67%)



- Red (8%)
- Yellow (37%)
- Blue (67%)



- Cyan (88%)
- Magenta (5%)
- Yellow (0%)
- Black (33%)



- Cyan (92%)
- Magenta (36%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 121.8560, 24.7210, -89.3277 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 121.8560, 24.7210, -89.3277 by changing the saturation by 10% instead.



121.8560, 24.7210,  
-89.3277

121.8560, 24.7210,  
-89.3277

255.0000, 0.0000,  
0.0000

96.9490, 23.6891,  
-85.0243

184.3310, 21.0358,  
-73.9583

79.4240, 20.0040,  
-69.6548

213.8150, 20.3042,  
-72.6288

61.8990, 16.3188,  
-54.2854

226.8940, 13.8563,  
-57.7890

45.0750, 12.7810,  
-39.5308

235.8640, 9.4340,  
-39.3457

29.6530, 9.5381,  
-26.0057

244.8340, 5.0118,  
-20.9024

9.7630, 9.4838,  
-8.5622

254.1030, 0.4422,

0.0000, 0.0000,

-1.8443

0.0000

■ 121.8560, 24.7210,  
-89.3277

■ 121.8560, 24.7210,  
-89.3277

■ 116.1860, 27.5163,  
-99.2641

■ 127.5260, 21.9257,  
-79.3913

■ 115.2890, 27.9585,  
-101.1085

■ 133.1960, 19.1304,  
-69.4549

■ 139.1650, 16.1877,  
-58.9037

■ 144.8350, 13.3923,  
-48.9673

■ 150.5050, 10.5970,  
-39.0309

■ 155.5880, 8.0911,  
-28.5797

■ 161.2580, 5.2958,  
-18.6433

■ 167.2270, 2.3531,  
-8.0921

■ 172.8970, -0.4422,  
1.8443

# Harmonies

## Analogous

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



132.3750, 4.2521, -57.3339



121.8560, 24.7210, -89.3277



127.6260, 33.7084, -78.6020

# Triad

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



121.8560, 24.7210, -89.3277



152.5790, 15.4906, 24.9252



146.2870, -28.7355, 23.4273

# Complementary

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



121.8560, 24.7210, -89.3277



70.1440, -24.7210, 89.3277

# 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.



148.6620, -23.9904, 41.5154



121.8560, 24.7210, -89.3277



151.4430, 1.7536, 44.3385

# Square

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



121.8560, 24.7210, -89.3277



149.2530, 26.4973, -5.4839



150.1050, -12.3768, 49.8969



143.6430, -25.4600, -0.5639



# Rectangle

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



121.8560, 24.7210, -89.3277



137.7800, 33.6325, -54.1811



150.1050, -12.3768, 49.8969



147.4450, -28.3204, 30.3047

# Sweetspot

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



121.8560, 24.7210, -89.3277



204.2990, 9.7126, -35.3422



110.1360, -40.4930, -79.0493



100.0620, 5.8854, -21.1024



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

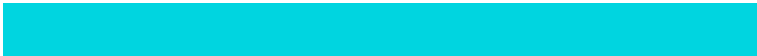


# Same Dimension

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



121.8560, 24.7210, -89.3277



150.5670, 36.2025, -132.0473



77.2440, 46.7147, -50.2030



83.7220, 1.6161, -5.0182



101.0410, 24.1368, -88.6130



15.5360, 3.6798, -13.6251



# Inverse Universe

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



81.8640, 40.4930, 79.0493



91.2580, 60.0188, 116.4147



114.7560, -46.7147, 50.2030



81.6030, 2.1677, 4.7332



61.1520, 40.3511, 77.9197



9.3850, 6.2192, 11.9404



# Previews

## White Background



This preview shows how the YUV color 121.8560, 24.7210, -89.3277 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

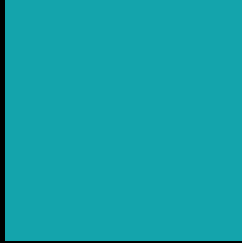
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 121.8560, 24.7210, -89.3277 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

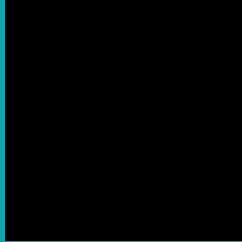
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 121.8560, 24.7210, -89.3277

## Background



This preview shows how black text looks on a background with the YUV color 121.8560, 24.7210, -89.3277.



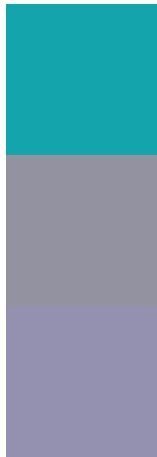
This preview shows how white text looks on a background with the YUV color 121.8560, 24.7210,



# 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

121.8560, 24.7210, -89.3277

### Protanopia

147.7100, 6.5520, -1.4997

### Deuteranopia

148.5450, 13.5353, -1.3550



## Tritanopia

123.9320, 26.1625, -85.0094

# Trichromacy



## Original Color

121.8560, 24.7210, -89.3277

## Protanomaly

138.5210, 13.0541, -33.7829

## Deuteranomaly

138.7860, 17.8535, -33.1383

## Tritanomaly

122.8070, 25.7311, -86.6537

# Monochromacy



## Original Color

121.8560, 24.7210, -89.3277

## Achromatopsia

122.0000, 0.0000, 0.0000

## Achromatomaly

121.7940, 8.9756, -32.2683

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 121.8560, 24.7210, -89.3277 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(20, 164, 172)` looks like.

```
.text, #text, p{  
    color:rgb(20, 164, 172)  
}
```

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(20, 164, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 164, 172) }
```

## Border

The CSS property to change the border of an element to YUV 121.8560, 24.7210, -89.3277 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(20, 164, 172) }
```



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

```
.border{ border-color:rgb(20, 164, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 164, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 164, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 164, 172);  
box-shadow:4px 4px 4px 4px rgb(20, 164,  
172) }
```

# Background

The CSS property to change the background color of an element to YUV 121.8560, 24.7210, -89.3277 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 164, 172) }
```

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

```
.background{ background-color: rgb(20, 164,  
172) }
```

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](#).

# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor